

EDUCATIONAL ASSESSMENT AND EXAMINATIONS SERVICE
ETHIOPIAN SECONDARY SCHOOL LEAVING CERTIFICATE
EXAMINATION (ESSLCE)

HISTORY

TIKIMIT 2014/15 OCTOBER 2022

BOOKLET CODE: 188

SUBJECT CODE: 08

Number of Items: 100

Time Allowed: 2 hours

1. What was the event that served as a major trigger for power struggle and foreign intervention in the Ethiopian politics between 1906 and 1910?
 - A. The death of *Ras* Mekonnen who was expected to succeed Menelik
 - B. The removal from the palace of Taytu and her appeal to the legations for support
 - C. The death of *Ras* Tesemma who had served as Iyasu's regent
 - D. The announcement of the non-Shoan Iyasu as Menelik's successor
2. Which one of the following is true about the period of dual rule (or "diarchy") in Ethiopian politics of early 20th century?
 - A. The traditionalists fought in support of greater foreign involvement in Ethiopian affairs.
 - B. It was all about the coronation of *Ras* Teferi as king.
 - C. The *Meny Saffar* orchestrated the removal of all ministers except *Fitawrari* Habte Giorgis.
 - D. Political power was equally divided between Empress Zewditu and *Ras* Teferi
3. Which of the following was a key development in the emergence of autocracy under Emperor Haile Selassie I?
 - A. Imposition of an obligation on regional lords to mobilize their armies in times of external aggression.
 - B. The adoption of a Constitution in 1931 aimed at resolving the problems of regional lords and succession.
 - C. The appointment by the monarch of relatives to administrative and financial posts.
 - D. The loss of autonomous rule by local chiefs of Gojjam, Jimma and Tigray



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4. In which of the following anti-colonial movements was forced cotton production the major issue?
- A. The Majji Majji Rebellion
 - B. The Mahdist Movement
 - C. The Urabi Pasha Rebellion
 - D. The Mau Mau Movement
5. Which of the following was an immediate trigger for the Ethio-Italian War of 1935-1936?
- A. Declaration by Fascist Mussolini to avenge the defeat of Adwa
 - B. The concentration of huge Italian troops in Eritrea and Somalia
 - C. The Italian decision to build a railway from Eritrea to Somaliland
 - D. The WalWal Incident that took place in the Ogaden
6. Who was designated as viceroy of the Emperor and nominated as head of the Black Lion Organization in 1936-37?
- A. *Dejazmach* Balcha Safo
 - B. *Ras* Imiru Haile Selassie
 - C. *Balambaras* Abebe Aregay
 - D. *Ras* Kassa Hailu
7. Which of the following is correct about the Italian rule in Ethiopia during the Occupation of 1936-1941?
- A. The Italians allowed trading activities by other European merchants.
 - B. The Italian government introduced the basic elements of democracy.
 - C. The Italians kept the former administrative divisions largely intact.
 - D. The Italian state appointed three consecutive viceroys as governors.
8. Which of the following is true about the Black Lions Organization?
- A. It was formed long before Emperor Haile Selassie left the country.
 - B. It actively engaged in fighting around the town of Gore, Illubabor.
 - C. It was mainly composed of graduates of Holeta Military Academy.
 - D. It continued the resistance struggle until the Italians were ousted.

9. Which of the following is correct about the establishment of the United Nations Organization (UNO)?
- A. The UN Security Council has five permanent members from the very beginning in 1945.
 - B. The idea of replacing the League of Nations by another organization was first expressed in the Atlantic Charter.
 - C. The Soviet Union preferred the continuation of the League of Nations to the UNO.
 - D. It was established in November 1944 at the Dumbarton Oaks near Washington.
10. Which one of the following properly describes the differing positions of groups of African states prior to the formation of the OAU in 1963?
- A. The Casablanca Group emphasized the immediate creation of the United States of Africa.
 - B. The Monrovia Group promoted the formation of four regional organizations.
 - C. The Anglophone and Francophone countries were advocates of unity along linguistic lines.
 - D. The Brazzaville Group was opposed to the establishment of a continental organization.
11. Which of the following is correct about the process of European colonial expansion in Africa?
- A. Many African territories were acquired throughout right conquest.
 - B. Europeans took control by signing genuine treaties with African rulers.
 - C. Without exception, European explorers served as government agents.
 - D. European evangelical missionaries hastened colonial conquest.
12. Which one of the following was a major feature of long distance trade in 19th century-Ethiopia?
- A. Women took part in long-distance trade as caravan merchants.
 - B. Christian merchants of north-western Ethiopia were called *Afkala*.
 - C. Long distance trade was conducted only in certain regions and fixed market days.
 - D. The head of caravan traders had the title of *Negadras*.

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13. Which of the following was **NOT** true about long-distance trade in the Ethiopian region??
- A. It helped the introduction of Islam into the Gibe region.
 - B. It encouraged division of labour and specialization of production.
 - C. It was conducted on the basis of laws formally agreed upon by all regional rulers.
 - D. It linked people in the northern regions with those in the south-western regions.
14. Which of the following was a major factor for the downfall of Emperor Tewodros II of Ethiopia?
- A. The frequent resistance of regional lords to his authority exhausted his army.
 - B. The effort to manufacture big guns at Gafat dissipated the money needed to buy other weapons.
 - C. The attempt to separate state and religion as a modern state aroused opposition.
 - D. The fact that he was not born from a royal family undermined his legitimacy.
15. Which of the following best explains the administrative policy of Emperor Yohannes IV?
- A. He persisted like Tewodros with the use of force to impose royal authority.
 - B. He removed from power all local chiefs who rebelled against him.
 - C. He recognized the title of "king of kings" only for Menelik of Shoa.
 - D. He shared power with vassals as long as they paid regular tribute.
16. Which of the following is correct about the relation between Egypt and Ethiopia under Yohannes IV in the 1870s?
- A. Christianity helped Yohannes to gain European support against Muslim Egypt.
 - B. Egypt succeeded to enlist considerable local collaboration against Yohannes.
 - C. Until 1875 Yohannes sought diplomacy to avert Egyptian incursion.
 - D. Egypt posed a major military threat to Ethiopia from its colony of Sudan.

17. Which of the following is correct about the Battles of Gundet and Gur'a?
- They were major victories for Ethiopia despite relatively high sacrifices.
 - They ousted the Egyptian forces once and for all from the Red Sea coast.
 - They were fought to repulse the Egyptians from the eastern region of Harar.
 - They were decisive victories of the Afar people.
18. Which one of the following was a result of the Hewett Treaty between Ethiopia and Britain of 1884?
- It made the Mahdist Sudan hostile to the Ethiopian state.
 - It discouraged diplomatic relations between Ethiopia and France.
 - It prevented the restoration of Egyptian controlled Bogos to Ethiopia.
 - It allowed Ethiopia free transit of goods through Massawa.
19. What was the immediate consequence of Ethiopian victory at Adwa?
- The reaffirmation of the Treaty of Wuchale by the Treaty of Addis Ababa.
 - The signing of treaties that fixed the current boundaries of Ethiopia.
 - Agreement by Italy to return some territories from their Eritrean colony to Ethiopia.
 - The beginning of fresh preparations in Italy for military revenge against Ethiopia.
20. Which of the following projects of modernization is attributed to the reign of Emperor Menelik II?
- The introduction of a parliamentary form of government
 - Establishment of Municipal police force called *Trunbulle*
 - Construction of a railway line to facilitate transportation
 - Manufacturing modern weapons like mortars
21. Which of the following is correct about units of chronology in history?
- A period of one hundred years is known as millennium.
 - The year from 2000 to 2099 is similar to the 20th century.
 - Historical calendars count dates both backward and forward.
 - Very recent events are mostly referred to as B.P.

22. Which one of the following is correct statement about the human evolution?
- A. Lucy's fossil is the oldest of Australopithecine fossils.
 - B. *Homo habilis* was an upright walking human being.
 - C. *Australopithecines* had small brains in large faces.
 - D. Charles Darwin advocated the creationist theory.
23. One of the following is believed to be the earliest state in the Horn of Africa region?
- A. Punt
 - B. Meroe
 - C. Damat
 - D. Aksum
24. Which of the following is correct about the languages of Ethiopia?
- A. Languages belonging to a given super-family are geographically contiguous.
 - B. A large number of Semitic languages are disappearing.
 - C. They fall under two super-families and five families.
 - D. They are the basic units out of which the nation is constituted.
25. In which part of Africa was the civilization of the Shona people located?
- A. Western Africa
 - B. Eastern Africa
 - C. Northern Africa
 - D. Southern Africa
26. Which one of the following is true about the relationships among ancient civilizations?
- A. The territory of Persia was limited to what is today Iran.
 - B. The Ancient Chinese invaded their neighbors including India.
 - C. The Kush kingdom conquered Egypt in the 8th century B.C.
 - D. The city-state of Carthage defeated the Romans in the Punic wars.
27. Among the achievements of the ancient civilizations which one of the following legacies has enhanced international peace in Modern World?
- A. The Roman Senate with senators elected for life.
 - B. The Greek sports event known as the Olympics.
 - C. The Persian kingdom's "pony express" postal system.
 - D. The Egyptian religious belief of life after death.

28. Which of the following is correct about the Aksumite kingdom?
- A. It was converted to Christianity by Egypt's design.
 - B. It built large stae with income from agricultural tax.
 - C. Its prosperity depended on the Red Sea trade.
 - D. It was the first state in Ethiopian history.
29. Why did the Aksumite Kingdom decline and eventually collapse? Because
- A. the rise of Islam hastened the expulsion of Aksum from South Yemen.
 - B. the destruction of Adulis led to the loss of revenue from the Red Sea trade.
 - C. the internal rebellion of the Beja weakened Aksumite military power.
 - D. the shift of political center from north to south precipitated foreign invasion.
30. Which of the following properly explains the rise and early expansion of Islam?
- A. It was successful because its religious leaders were also political leaders.
 - B. Islam spread over vast territories in a short period of time through peaceful conversion.
 - C. Islam expanded quickly because it taught that all religions are equal.
 - D. Attack by the Quraysh speeded up the expansion.
31. Which of the following is true about developments during the Fascist occupation of Ethiopia?
- A. Lt. Colonel Belay Haile-ab served as a military leader of The Black Lion Organization.
 - B. *Dejazmatch* Balcha was captured and publicly hanged at Buta Jirra.
 - C. The so-called *Yewist-Arbegnoch* abandoned the resistance.
 - D. The Black Lion Organization conducted conventional warfare.
32. What was the immediate cause of the Second World War (WWII)?
- A. The invasion of Poland by Nazi Germany
 - B. The unexpected annexation of Czechoslovakia and Lithuania by the German army
 - C. The Japanese attack of the US Naval base at Pearl Harbour
 - D. The signing of the Non-Aggression Pact between Germany and the Soviet Union

33. According to the structure of the United Nations Organization, which one of the following bodies' falls under the Security Council?
- A. The Specialized Agencies
 - B. The General Assembly
 - C. The Military Staff
 - D. The International Court of Justice
34. Which of the following is true about Super Power politics after WWII?
- A. China was among the leading Super Powers.
 - B. The Soviet Union effectively became Super Power in 1949.
 - C. The status was accorded only to the USA, the USSR, and the UK.
 - D. Five Super Powers had emerged each with a veto power at the Security Council.
35. What were the two blocs or camps into which the world was divided after WWII?
- A. The backward Third World and the advanced First World
 - B. The oppressor colonial masters and the oppressed colonized people
 - C. The capitalist West and the socialist East
 - D. The largely poor South and the extremely rich North
36. Which one of the following is true about the peasants of Ethiopia in the post-Liberation period?
- A. Many became tenants as a result of extensive land alienation.
 - B. They began to produce largely for the market.
 - C. They continued to pay official dues to landowners and government officials.
 - D. They benefitted from free medical service.
37. Which of the following is true about the Ethio-Eritrean federation and subsequent union?
- A. The union enabled Eritreans to enjoy democratic rights.
 - B. The federation required Eritrea to adopt the Ethiopian flag.
 - C. The federation was demanded by the Unionist Party.
 - D. The federation was formed on the basis of a referendum.

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38. Which of the following was true about military rule in Ethiopia following the 1974 popular Revolution?
- A. It conducted a successful 'Red Star' campaign against Eritrean separatists.
 - B. It established a multiparty parliamentary system of government on.
 - C. It failed to prevent the secession of Eritrea from Ethiopia.
 - D. It replaced the feudal socio-economic system by a new capitalist system.
39. Which of the following is true about Pan-Africanism?
- A. It aspired initially to return African slaves to their homeland.
 - B. It started in the form of opposition of black peoples against racism.
 - C. It came into being with the First Pan-African Conference at Accra.
 - D. It appeared as an idea first among the peoples of colonial West Africa.
40. Among the French colonies of West Africa which of the following became independent in 1958 by voting "No" to continued association with France?
- A. Guinea
 - B. Mali
 - C. Cameroon
 - D. Senegal
41. What was the root cause of the conflict between the Christian Kingdom and the Muslim Sultanates from 1270 to 1520?
- A. The inability of Christian merchants to pass through Muslim territories to the coast
 - B. The attempt of the Christian Kingdom to control Muslim territories along the trade route
 - C. The imposition of huge taxes on Muslim merchants by the Christian Kingdom
 - D. The monopolization of the import-export trade by the Christian Kingdom

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42. Which of the following is correct about the conflict between the Christian Kingdom and the Sultanate of Adal in the early 16th century?
- A. Both the Christian state and Adal were encouraged to fight by outsiders.
 - B. Sultan Mohammed started the conflict in the 1460s after refusal to pay the annual tribute.
 - C. *Imam* Ahmed ibn Ibrahim unified the warring Muslim groups by instilling the spirit of Jihad against Christians.
 - ☒ D. The Christian Kingdom initiated the conflict in the 15th century to crush the growing power of Adal.
43. What is the most likely factor for the population movement of the Oromo starting from the 1520s?
- A. The need for grazing land for increasing cattle populations
 - B. To gain economic benefit by controlling trade routes
 - ☒ C. To bring more territory under the *Gada* system of rule
 - D. To spread their religion based on the worship of *Waqqa*
44. Which one of the following is correct about political developments in the Christian Kingdom after the death of *Imam* Ahmed in 1543?
- A. Sarsa Dengel succeeded to dislodge the Ottoman Turks from the Red Sea coastal areas.
 - B. Gelawdewos died while fighting the Oromo who utilized hit-and-ran military tactics.
 - C. Encroachment by the Ottoman Turks on the Red Sea coast became a serious threat.
 - ☒ D. The rapid movement of the Oromo population came to an end abruptly.
45. What was the most likely reason for Susenyos' conversion to Catholicism?
- A. To attract support from numerous high level dignitaries who had been converted
 - ☒ B. To get Portuguese military assistance to create a strong monarchy
 - C. To purify the heresies observed in the Orthodox Christianity
 - D. To fulfill the promise made by Libne Dingil to the Portuguese

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- 46 Which of the following is true about the achievements of the Gondarine Period?
- ☒ A. The establishment of Gondar led to the integration of Shewa with the Christian Kingdom.
 - B. Gondar city constructed new buildings quite different in style from the Aksumite architecture.
 - C. The capital city was so busy with trade activity to give attention to paintings and calligraphy.
 - D. The establishment of permanent capital made Gondar the main center of education and music.
47. What was the factor that made England to be the place of origin for the Industrial Revolution? England
- A. was endowed with vital coal mine and iron ore.
 - B. was ruled by an extremely tyrannical monarchy.
 - ☒ C. had unstable government for almost a century.
 - D. possessed small but highly talented people.
48. Which of the following is correct about the Second Industrial Revolution in comparison to the First? The Second
- A. developed sailing ships for transportation on high seas.
 - ☒ B. saw the transformation of power-operated machinery.
 - C. utilized steam power that moved railway locomotives.
 - D. used wind and water as a source of power for factories.
49. One of the following is a major feature of the Trans-Atlantic Slave Trade. Which one? It was
- A. abolished due to the humanitarian feeling of the Europeans.
 - B. friendly to the slaves until they were finally sold in America.
 - C. called piratic trade during its first phase in the 16th century.
 - ☒ D. initiated by the British Empire in the early 19th century.
50. Which of the following is **NOT** correct about the consequences of the Trans-Atlantic slave trade? The slave trade
- A. brought to Africa large number of fire-arms intensifying conflicts.
 - ☒ B. hastened capitalist economic development to the African continent.
 - C. produced cheap industrial products ruining African craftsmen.
 - D. resulted in the loss of about 15 million young African people.

51. Which of the following is correct about the Christian kingdom after 1270?
- A. The mobile royal camps led to the deterioration of security.
 - B. The kingdom made extensive territorial gains to the south.
 - ☒ C. The new rulers deviated significantly from the political traditions of Aksum.
 - D. the *gult* system led to the emergence of powerful regional lords.
52. How did the European overseas explorations and “discoveries” influence the course of events subsequently?
- A. They facilitated long distance trade which marked the beginning of early capitalism in Europe.
 - ☒ B. They enabled Spain and Portugal to be dominant up until the 19th century.
 - C. They facilitated long distance trade which benefitted both Europe and the “discovered” people.
 - D. They led to conquest which contributed to the civilization of the conquered people.
53. Which of the following is the major cause for the conflict between the Christian kingdom and the Sultanate of Adal?
- A. The growing economic decline of the Christian kingdom
 - B. The refusal of the Muslims to be tributary to the Christians
 - C. The destruction of Muslim states led by the sultanate of Ifat
 - ☒ D. The spread of Christianity in the Muslim lowland areas
54. Identify the correct statement about the consequence of the war between the Sultanate of Adal and the Christian kingdom.
- A. The Sultanate was able to maintain authority for about a century.
 - B. The two contesting powers were weakened at the end of the war.
 - C. The destructive war prevented foreigners from coming to Ethiopia.
 - ☒ D. The Christians succeeded to acquire new converts in the lowlands.

55. Which of the following is correct about the attempt to introduce Catholicism into 17th - century Ethiopia?
- A. The abdication of power by Susenyos hastened the suppression of Catholicism.
 - B. The civil war brought about permanent changes in Church practices.
 - C. The nobility used Catholicism to undermine the authority of the king.
 - D. The missionaries exerted enormous efforts to convert the ordinary people.
56. Which one of the following is correct about Gondar City in the 17th and 18th centuries?
- A. The fact that it was a permanent capital enabled the monarchs to effectively control regional lords.
 - B. Most of the palaces and churches were built during the reign of the first three Gondarine kings.
 - C. As an urban space, various religious and cultural groups were intermingled in the city.
 - D. There were no foreigners due to the prevailing 'closed door' policy.
57. Which of the following is a characteristic feature of the *Zemene Mesafint*?
- A. The prevalence of war prompted peasants to work for surplus production.
 - B. The Orthodox Church continued to be a source of spiritual and political unity.
 - C. Regional lords made continuous wars to control trade and become kings.
 - D. The Yejju dynasty ruled northern Ethiopia in the name of puppet kings of Gondar.
58. Which of the following kingdoms, formed by the Soninke people attained greatness from the Trans-Saharan Trade?
- | | |
|----------|------------|
| A. Mali | C. Songhai |
| B. Ghana | D. Kongo |

59. Which of the following properly express the ideas of the Enlightenment thinkers?
- A. In politics they encouraged the rise of radical political revolutions.
 - B. In economics they supported the advancement of a few wealthy people.
 - C. In education they appreciated the teachings of church schools.
 - D. In law and the punishment of crime they criticized the injustice of the feudal autocracy.
60. Which of the following is the major effect of the American War of Independence?
- A. It led to the creation of thirteen American states.
 - B. It contributed to the eruption of the French Revolution.
 - C. It recognized native Americans as equal citizens.
 - D. It hastened the abolition of slavery.
61. Why did the colonial powers surrounding Ethiopia sign the Tripartite Treaty of 1906?
- A. They suspected the Germans would intervene if they did not do something.
 - B. They were told that the death of *Ras* Mekonnen, would create political chaos.
 - C. They anticipated conflict over succession because Menelik did not have a male offspring inability to have a male offspring.
 - D. They feared that Menelik's illness might lead to the total disintegration of the nation.
62. Which of the following is correct about the appointment of Lij Iyasu as Menelik's heir?
- A. It was supported by Taitu wholeheartedly.
 - B. It was directly challenged by the Shoan nobility.
 - C. It was opposed by the Council of Ministers.
 - D. It was meant to bring stability.

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63. Which one of the following properly describes *Lij* Iyasu's approach to government?
- A. He wanted to ensure the continuity of the system under Menelik.
 - B. He left the matter of education entirely to the Church.
 - C. He sought to accord equal status to Ethiopian Muslims.
 - D. He wanted to reduce taxes and tax rates for everybody.
64. Which of the following signalled the emergence of autocracy following the coronation of Haile Selassie I?
- A. Collection of enormous revenue through provincial customs posts
 - B. Maintenance of the autonomous status of Begemdir and Jimma provinces
 - C. Recognition of both political and economic privileges of regional rulers
 - D. Proclaiming a constitution that accorded divine sanction to emperor's rule
65. Which of the following was **NOT** the fundamental cause of the First World War (WWI)?
- A. Military alliance
 - B. Economic depression
 - C. Arms race
 - D. Rivalry for colonies
66. Which of the following is true about the League of Nations?
- A. It refused to grant admission to Germany as full member.
 - B. Thee USA continued to be an active member during Wilson's presidency.
 - C. One of its objectives was to settle international disputes peacefully.
 - D. The idea of creating it was raised well before WWI.
67. Which one of the following is true about the domestic policy of the Soviet Union from 1917 to 1937?
- A. The New Economic Policy was intended to build socialist economy.
 - B. The Soviets allowed the people exercise democratic political rights.
 - C. The Bolshevik party established alliance with the white Russians.
 - D. The government speedily undertook large-scale industrialization.

68. Which one of the following is correct about resistance to colonial rule in Africa from 1900 to 1939?
- A. During the inter-war period African resistance took the form of demand for political and economic rights.
 - B. During the inter-war period Africans fought among themselves more than they fought the colonial system.
 - C. Real resistance actually began after the Second World War.
 - D. It was guided by the spirit of Ethiopianism which referred to a struggle for total liberation.
69. Which of the following is correct about the Ethio-Italian War of 1935-1936?
- A. The Ethiopians had lost both the first and the second battles of Tembien.
 - B. From the outset, Britain and France stood firmly on the side of Ethiopia.
 - C. Initially the Ethiopians retreated to elongate the communication line.
 - D. Italian aggression was first launched by Graziani from the east.
70. Which of the following is true about the Italian Occupation of Ethiopia from 1936 to 1941?
- A. The Italian viceroy in Addis Ababa enjoyed considerable autonomy from Rome.
 - B. Fascist rule was mostly restricted to towns and cities.
 - C. Asmara was chosen as the headquarters of Italian East Africa.
 - D. Ethiopia was administered as a separate colonial entity.
71. Which of the following is true about the importance of history?
- A. It allows us to accurately anticipate future events.
 - B. It encourages us to repeat the wrong doings of society in the past.
 - C. It enables us to understand events and processes of the past.
 - D. It helps us to study of the past, the present, and the future.

72. Which of the following is correct about the role of sources in the study of history?
- A. Objectivity means presenting stories that come from official sources.
 - B. Oral testimony by participants is as good as information obtained from others.
 - C. Secondary sources are fictional materials with some historical facts.
 - D. Primary sources have direct relation to the events in time and place.
73. Which of the following is correct about the study of Ethiopian history?
- A. European travelers have left behind plenty information about the south.
 - B. Oral sources are key for the study of the south.
 - C. Historical studies dealing with northern Ethiopia are comprehensive.
 - D. Information is totally unavailable for the ancient period as a whole.
74. Which of the following Australopithecine species is discovered in Ethiopia?
- A. *Australopithecus afarensis*
 - B. *Australopithecus africanus*
 - C. *Australopithecus aethiopicus*
 - D. *Australopithecus robustus*
75. Which of the following is NOT true about the earliest states in human history?
- A. In some states rulers claimed divine rights that made them God's agents on earth.
 - B. Cities with literate persons was a prerequisite for state formation.
 - C. Agricultural surplus production preceded state formation.
 - D. Residents of a city were regarded as equal citizens.
76. Which of the following is correct about the Romans and the Germans in the Middle Ages?
- A. The Romans maintained dominance in the European trade after Germanic invasions.
 - B. The Germanic invasion of Rome led to the disappearance of some towns.
 - C. The Germans unified the divided Romans into a powerful empire.
 - D. The Romans regarded the Germans as highly civilized people.

77. Which of the following characterizations is true about the Byzantine Empire?
- A. It favoured the Catholic Church over the Orthodox Church.
 - B. Its Church officials dominated all decision making.
 - C. The Continent of Africa was beyond its reach.
 - D. The other name for it was the Eastern Roman Empire.
78. Which one of the following was a major feature of India in the Medieval Period?
- A. Religion exercised a strong influence on the Indian culture.
 - B. The regional lords hired bands of warriors known as Samurai.
 - C. The invention of fire arms was accompanied by the discovery of high quality gun powder.
 - D. Officials for political power were selected on the basis of talent.
79. Which one of the following was a feature of early capitalist economic activities in Europe?
- A. Governments were unwilling to support long distance trade.
 - B. The increased use of money strengthened the feudal system economically.
 - C. Factories were located in rural areas in order to get raw materials easily.
 - D. The bourgeoisie employed peasants from the countryside as labourers.
80. Which of the following is correct about pre-Aksumite states?
- A. Most of the inscriptions about Damat are found in South Arabia.
 - B. Among the most valued imports of Egyptians from Punt was myrrh.
 - C. Damat had a very strong contact with the kingdom of Egypt.
 - D. The precise location of the land of Punt is in what is today Eritrea.
81. Which of the following is correct about the Harar Emirate?
- A. It was ruled by the Egyptian governor for about a decade.
 - B. It allowed the Europeans to conduct trade activities inside the wall.
 - C. It built the stone wall in defense of the Christian incursion.
 - D. It emerged out of the family of the former Adal Sultanate.

82. The correct statement about the Eastern Question is that
- A. Britain and France hastened the collapse of Ottoman Turkey.
 - B. Russia and Austria collaborated against the Ottoman Turkey.
 - C. France, Germany and Italy were deeply involved in the question.
 - D. Ottoman Turkey's decline gave rise to the use of the term.
83. Which one of the following is true about the impact of industrial capitalism on the Europeans concerning the continent of Africa?
- A. It heightened the need for raw materials and market places.
 - B. It strengthened African resistance to the European encroachment.
 - C. It created unprecedented political harmony among the Europeans.
 - D. It encouraged the growth of the Trans-Saharan Slave Trade.
84. Among the many reasons for the coming of the European explorers to Africa which of the following is correct?
- A. Alerting native Africans of the imminent danger coming ahead.
 - B. Assessment of the available material resources and the population.
 - C. Provision of service for European armed forces conquering Africa.
 - D. Facilitation of conditions for the conquering armies of Europe.
85. One of the following is true about the rise to power of Emperor Tewodros II. Which one?
- A. He gained victory over the Egyptians at the battle of Debarki.
 - B. He suffered several defeats before he was crowned emperor.
 - C. He became a bandit after he was denied governorship of Quara.
 - D. He has strong claim of descent for power from the royal house.
86. Which of the following is true about the reforms of Tewodros?
- A. Gafat became a central place for the manufacturing of cannons.
 - B. The Orthodox Church opposed Tewodros for abandoning the faith.
 - C. Reunification was denounced by the majority of peasant population.
 - D. Recognition of local dynasties suddenly disrupted the old practices.

87. The correct statement about the approach of Yohannes IV in his internal administration is that
- A. he showed liberal attitude to tolerate the followers of Islamic faith.
 - B. he allowed Menelik to make independent dealings with foreigners.
 - C. he fought like Tewodros repeated wars against rebellious regions.
 - D. he shared power with regional lords as long as they remained loyal.
88. The correct statement about the expansion of Menelik II to the south, south-west and south-east is that
- A. it occurred long before the beginning of European colonial conquest.
 - B. it followed the same approaches followed by his two predecessors.
 - C. it aimed at building his military power from the valuable trade.
 - D. it sought to liberate the people from oppressive local domination.
89. One of the following shows correctly Menelik's foreign relations during the territorial expansion. Which one?
- A. European powers refused to accept the legitimacy of Menelik's territorial gains after Adwa.
 - B. The expansion before Adwa was partly a preparation for the struggle against colonialism.
 - C. After the victory at Adwa Menelik had nothing to fear from outsiders.
 - D. The colonial powers encouraged the expansion in all directions.
90. Which of the following was the consequence of Ethiopian victory at Adwa?
- A. It guaranteed economic independence of the country.
 - B. It created a permanent state of enmity between Ethiopia and Italy.
 - C. It discouraged European travel to Ethiopia from coming to Ethiopia.
 - D. It guaranteed political independence of Ethiopia.
91. Which one of the following was a feature of the foreign relations of the Aksumite State?
- A. The vast majority of the Aksumite society was engaged in commerce.
 - B. The Aksumite State controlled South Arabia from the 3rd to the 6th centuries.
 - C. The Aksumite civilization was derived from directly from immigrants from South Arabia.
 - D. The major source of rivalry between Aksum and Meroe was ivory trade.

92. What was the major external factor for the fall of Aksum?
- A. Impoverishment and economic collapse due to the incessant drought and famine
 - B. The near complete removal of Aksum from the Red Sea trade by the Muslim-Arab Empire
 - C. The conversion of the monarch to Christianity which led to fierce resistance of the people to the rulers
 - D. The disastrous defeat suffered by the first military expedition of King Kaleb against the Himaryates
93. To what major factor is the rise of the Zagwe Dynasty attributed?
- A. The successful resistance of the Agaw to imposition of Christianity by Aksum.
 - B. The economic and military might the Agaw had built due to long distance trade through Zeila.
 - C. The involvement of the Agaw in Aksumite bureaucracy and military leadership.
 - D. The collaboration of the Agaw people with the Beja invaders against the Aksumite state.
94. Which one of the following is a major achievement of the Zagwe dynasty?
- A. The construction of rock-hewn churches
 - B. The emphasis on building strong military power
 - C. The participation in the Crusades against Muslims
 - D. The translation of the Bible from Greek to Geez
95. What was the most direct cause for the decline and downfall of the Agaw dynasty?
- A. The loss of revenue from external trades that weakened the state.
 - B. The problem of succession which always led to violence.
 - C. Formidable incursions from the Sudanese jihadists.
 - D. The challenge to their legitimacy from Amhara and Tigray lords.
96. Which of the following pieces of art was the work of Leonardo da Vinci?
- A. Sistine Madonna
 - B. The Praise of Folly
 - C. The Last Supper
 - D. Statue of St. George

97. What was the feature shared in common by the Muslim Sultanates of the Ethiopian region in the medieval period?
- A. they were allocated in the north-western lowlands of Ethiopia.
 - B. their populations predominantly depended on agriculture.
 - C. rulers exercised both political and religious authority.
 - D. Muslim and Christian populations were of fairly equal size.
98. Which of the following is correct about the respective role of the routes through which Islam was introduced into Ethiopia?
- A. Dahlk was both a staging point and the oldest Muslim state in the Ethiopian region.
 - B. The port of Zeila was used by Islamic warriors committed to Jihad.
 - C. the Dahlak Islands were the major point of entry to central Ethiopia.
 - D. The port of Zeila was the most important for entry into the interior.
99. Which of the following is correct about the Omotic States of southern Ethiopia?
- A. The kingdom of Damot reached its peak during the reign of King Motalami.
 - B. The kingdom of Welayta was first mentioned during the reign of Amde Seyon.
 - C. The kingdom of Enarya had successfully resisted the expansion of the Oromo.
 - D. The kingdom of Kaffa was incorporated by a section of Mecha Oromo.
100. Which of the following is true about the relationship between the Christian Kingdom and the Omotic States of the south?
- A. Welayta had absolutely no relationship with the Christian Kingdom up until the time of Menelik.
 - B. The name Limmu-Enarya signifies the annexation of Enarya into the Christian Kingdom.
 - C. Damot put up a successful resistance against the Christian Kingdom up until the time of Menelik.
 - D. The kingdom of Bizamo was incorporated into the Christian Kingdom in the 16th century.

THE END

EDUCATIONAL ASSESSMENT AND EXAMINATIONS SERVICE (EAES)
ETHIOPIAN SECONDARY SCHOOL LEAVING CERTIFICATE
EXAMINATION (ESSLCE)
ENGLISH, TIKIMT 2014/15 (OCTOBER 2022)

BOOKLET CODE: 023
Number of Items: 120

SUBJECT CODE: 01
Time Allowed: 2:00 hours

I. Writing

Directions: Items 1 - 18 are related to different types of writing. Read each of them very carefully and choose the best answer from the four alternative answers, **A-D**, given. Then **blacken** the letter of your choice on the separate answer sheet provided

Section One: Letter Writing

Directions: Items 1 - 3 are based on letter writing. Read each question carefully and choose the best alternative (**A-D**) according to the given context. Then **blacken** the letter of your choice on the separate answer sheet provided.

1. Where is the correct place to write the date in a formal letter?
 - A. just before the recipient's address
 - B. immediately after the sender's address
 - C. on the same line as the sender's address
 - D. immediately before the sender's address
2. When you write a formal letter, where would you write your address and contact details?
 - A. In the Receiver's Address
 - B. In the Salutation
 - C. In the Sender's Address
 - D. In the Complimentary Closure
3. Where would you write a request for an action in the format of a formal letter?

A. in the Body of the letter B. in the Subject line	C. in the Complementary closure D. in the Salutation
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Section Two: Main Idea of a Paragraph

Directions: For items 4 - 5 from the alternatives A-D given in each case, choose the letter that contains the main idea of the paragraph and **blacken** the letter of your choice on the separate answer sheet provided.

4. Transportation plays a critical role in the livability of a community. Access to transportation increases people's ability to access recreation, entertainment, and other activities that promote community engagement. Efficient and affordable transportation ensure that people can obtain services and participate in public life. Participation in public life increases the economic growth of a community
- A. Access to affordable transportation increases a community's participation in public life.
 - B. When people obtain services, their economic growth is ensured.
 - C. Access to recreation ensures the economic growth of a community.
 - D. Participation in public life makes transportation affordable.
5. Education is fundamental to development and growth. The human mind makes possible all development achievements. Advances in health, agricultural and public administration are a few examples of development achievements. There is no better tool than education for countries to achieve these development goals.
- A. The human mind is a better tool for advanced education.
 - B. Advance in agriculture is fundamental to a country's development.
 - C. Education is the basis of all aspects of development and growth
 - D. Advances in health is possible due to fair public administration.

Section Three: Paragraph Coherence

Directions: When you put in the correct order, sentences **a-d** in each of items from **6-9** make up a complete paragraph. From the given alternatives given in each case, choose the letter that contains the correct order of the sentences and **blacken the corresponding letter** provided in the answer

6. a. You can use it to talk with your friends or family, for example.
 b. A mobile phone is a very useful device to get connected with others.
 c. A mobile phone call can be made in so many ways.
 d. These days, everyone has a mobile phone.
 A. b d a c C. d c a b
 B. c a b d D. a d b c

7. a. The first thing you need is egg.
 b. Omelet is one of my most favorite food items.
 c. It is one of the easiest things to do in the kitchen.
 d. Today, I will show you how to make an omelet.
 A. d c a b C. b c d a
 B. c a d b D. b d c a

8. a. Schools help us to be consistent, punctual, and obedient.
 b. In short, we learn how to be better people in schools.
 c. For example, we learn how to read and write in schools.
 d. School is the place where we learn new things
 A. b d c a C. c a d b
 B. d c a b D. d b a c

9. a. They make their home in buildings, gardens, etc.
 b. Ants are found everywhere in the world.
 c. In the summer, ants collect food for the winter season.
 d. They are very hardworking insects.
 A. b a c d C. c b a d
 B. d a c b D. b d a c

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Section Four: Punctuation and Capitalization

Directions: For items 10-13, choose the best alternative that is written in a correct punctuation and capitalization. Then **blacken** the letter of your choice on the separate answer sheet provided.

10. A. It is difficult for students to make changes in essays written by hand:
B. It is difficult for students to make changes in essays written by hand.
C. It is difficult for students to make changes in essays written by hand,
D. It is difficult for students to make changes in essays written by hand!
11. A. Both Addis Ababa and Dire-Dawa have become exciting cities for living.
B. Both Addis Ababa and dire-Dawa have become exciting cities for living.
C. Both addis Ababa and Dire-Dawa have become exciting cities for living.
D. Both Addis Ababa and Dire-dawa have become exciting cities for living.
12. A. "I thought she knew the answer," he said, "but she didn't."
B. "I thought she knew the answer," he said, "but she didn't".
C. "I thought she knew the answer, he said, "but she didn't."
D. "I thought she knew the answer " he said, "but she didn't."
13. A. I passed my driving test last week, but, she failed hers.
B. I passed my driving test last week but, she failed hers.
C. I passed my driving test last week but she failed hers.
D. I passed my driving test last week, but she failed hers.

Section Five: Word Order

Directions: For items 14 - 16 the words are NOT in the proper order. When put in the right order, they make correct English sentences. From the given alternatives, A-D, choose the one that is correct and **blacken** the letter of your choice in the separate answer sheet provided.

14. with here you return I or until either go wait can me
A. Wait until I can either go or you return with me here.
B. You can either go with me or wait here until I return.
C. Until I return you can either go or wait here with me.
D. With me here you can either wait or go until I return.
15. to want visit always I have Casablanca
A. I wanted to always have visit Casablanca.
B. Always I wanted to have visit Casablanca.
C. I have always wanted to visit Casablanca.
D. Casablanca I have always wanted to visit.
16. people all idea to whose invite was these it
A. Whose idea was it to invite all these people?
B. It was whose idea to invite all these people?
C. Whose idea it was to invite all these people?
D. To invite all these people it was whose idea?

Section Six: Spelling

Directions: For items 17 – 18 choose the alternative with a correct spelling and **blacken** the letter of your choice on the separate answer sheet provided.

17. A. fasination C. maintanance
B. subsistence D. exhibtion
18. A. audience C. experince
B. cigarete D. souvenr

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II. Communicative Activities

Directions: Items 19 - 44 are presented in the form of dialogue. The part said by one of the speakers is given and a blank space is left for the other. For each of the blank spaces, four alternative answers A-D are given. Choose from the alternatives that is most appropriate to complete the dialogue and **blacken** the letter of your choice on the separate answer sheet provided.

19. **Wheel chair user:** Could you tell me where the computer center is on this building?
You: Oh sure, the 3rd room from here. _____
Wheel chair user: Thank you indeed.
 A. Don't leave your wheelchair in my office.
 B. Leave your wheelchair in my office.
 C. You cannot keep your wheelchair in my office.
 D. Can I help you push the wheelchair?
20. **You:** There is a job vacancy announced in our office. Do you want to apply?
A jobless friend: _____?
 A. Is that going to be a good job
 B. For the position of what
 C. How much is the salary
 D. When is the deadline
21. **You:** I don't want people standing too close to me, _____.
Stranger: No, I don't, Sir.
 A. when you don't mind
 B. do you mind
 C. if you don't mind
 D. if you mind
22. **Teacher:** _____?
Student: Yes. Horses, mules and donkeys are the main ones. There are also 'Bajaj' and motor cycles in some areas of the village.
 A. Are Bajaj and motor cycles used for transportation in your village
 B. What are the means of transportation in your village
 C. Are horse and mules used for transportation in your village
 D. Can you tell us the means of transportation in your village

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23. **Samson:** _____**Misrak:** Correct. He has enormous musical talent.

- A. If I were him, I wouldn't study music.
- B. If I were him, I'd study music further.
- C. What does he study?
- D. Why does he study music?

24. **Mother:** I don't have much to complain about you, but one thing that _____.
Daughter: I'm sorry Mom; I promise not to watch any program until my final is over.

- A. annoys me most about you is that you spend little time using the social media
- B. strikes me most about you is that you have very good friends
- C. pleases me most about you is that you always finish your work before bed time
- D. bothers me most about you is that you spend much time watching TV

25. **You:** What does our new English teacher look like?**Friend:** _____

- A. He's short, but well-built
- B. He speaks English fluently
- C. He has grey hair
- D. He's 30 years old, approximately

26. **Instructor:** I _____ some of the challenges you face as freshman students.**Students:** Can we ask questions at the end?

- | | |
|------------------------------------|----------------------------|
| A. would like to give a lecture on | C. would like to describe |
| B. will like to describe | D. should like to describe |

27. **You:** Do you know that there are more girls in schools these days than there in the past?**Colleague:** _____

- A. This is due to the fact that parents are more aware of the need for girls' education
- B. This is due to the fact that girls need more education these days
- C. Yes, more boys than girls love schools these days
- D. Sure, schools are much crowded these days than were in the past

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28. **Journalist:** Let's talk about marriage culture among this society. To begin with, could you tell me a few things about marriage culture here?

Host: Sure, in this culture, _____.

- A. divorce is strictly prohibited by law in this culture...
- B. a man cannot have two wives. In other words, ...
- ☒ C. marriage is primarily arranged by go-betweens. This means ...
- D. a boy and a girl can get married if they wish. What I mean is ...

29. **Father:** Hana is a careful girl.

Mother: How about Lulit, her younger sister, I mean?

Father: Hana is a careful girl, _____.

- A. whereas, here sister is more intelligent.
- B. does her sister take risks?
- C. when her sister does not take risks?
- D. whereas, her sister takes risks.

30. **Teacher:** _____, but the way you behaved in class.

Student: I'm sorry, teacher.

- A. What concerns me more about your exam is not what you did
- B. Your behavior, more than you exam, was my concern
- C. What concerns me more was about your behavior
- D. What concerns me more was your score

31. **Teacher:** Your brother is very honest.

You: _____.

- | | |
|--------------|------------|
| A. Me either | C. So do I |
| B. So am I | D. So I am |

32. **Journalist:** How serious was the damage caused by the earthquake?

Community leader: Thousands were left homeless, just _____.

- A. to illustrate the details of the disaster
- B. as an example of the scale of the disaster
- C. to summarize the scale of the disaster
- D. to give you an idea of the scale of the disaster

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33. **Teacher:** Do you plan a marriage before college?
Student: _____
 A. No, but marriage is inevitable at some point in the future
 B. Sure. I love to have two children when I get married
 C. Congratulations! I'll be 20 ten days from today
 D. Yes, but nothing precedes college at the moment
34. **Sports Journalist:** Do you have an athlete to admire?
You: Yes. _____
 A. Don't you admire Darartu Tulu yourself?
 B. Athletes work in competitive situations. Admire them.
 C. Darartu Tulu is a courageous athlete you should admire.
 D. I admire Darartu Tulu; she is such a well-behaved model athlete of all time.
35. **Customer:** I'd like to withdraw 5, 000 Birr, please.
Cashier: _____?
 A. What is the interest rate on your account
 B. Could you write your name here, please
 C. How would you like the money
 D. Do you want to make a withdrawal
36. **Teacher:** Could you tell me _____?
Student: It's an elephant. Despite their clumsy appearance, elephants are very intelligent.
 A. why an elephant, an intelligent animal, is your favorite animal
 B. what intelligent animal is your favorite animal
 C. why you chose an elephant as your favorite animal
 D. what your favorite animal is and why you chose the it
37. **You:** I'm going to sell my car. What's your advice?
Friend: I _____. The price of used cars has tremendously declined.
 A. don't care
 B. agree
 C. argue
 D. disagree

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38. **Supervisor:** _____? There are errors of all kind in your essay.
Student: Sorry, I'll proofread it before I hand it in.
 A. Could you tell me about your writing
 B. Are there errors of any kind in your essay
 C. Do you care about your writing
 D. Am I going to hate your writing
39. **You:** Did you enjoy your flight to Mogadishu?
Friend: _____
 A. The landing was as safe the take off
 B. Altogether, there were 250 passengers
 C. All in all, it was a pleasant flight
 D. On the whole, it took us 5 hours
40. **Friend:** Can you guess where this huge soup mug was made?
You: Not exactly, but I think, it _____
 A. could have been made in Spain
 B. was probably made in Spain
 C. must have been made in Spain
 D. was made in Spain
41. **Friend:** We haven't met Blen over the last six weeks, have we?
You: No. _____
Friend: Good idea! That's exactly what I have in mind.
 A. Perhaps we could ask her for dinner this evening.
 B. Does she have a very tight work schedule?
 C. I met her last Saturday at the cinema.
 D. Blen is your best friend, isn't she?
42. **Bezawit:** When do you wash your clothes? I think you haven't time in the afternoon
Samrawit: _____
 A. I think it is too cold to wash clothes
 B. I have washed it when the sun rises
 C. I will have washed it by the evening
 D. It is not time to wash clothes

43. **Neighbor:** Help! The building is on fire.

You: _____

- A. Can you smell burning?
- B. Do you need a doctor?
- C. Call a fire brigade!
- D. Call an ambulance.

44. **Kedir:** Do you like jogging?

You: _____

- A. Yes, I go jogging three days a week
- B. I quite like playing chess
- C. I like watching football
- D. Yes, I'm a member of a gym

III. Comprehension

Directions: Read the following passage carefully and answer items 45 - 64 according to the information there in. Each question has four choices, A-D. Choose the best alternative and **blacken** the letter of your choice on the separate answer sheet provided.

Section One: Reading Passage I

- 1 Manufacturing paper pollutes the air and the water. Fortunately, new technology has made it possible for paper manufacturers to reduce the amount of pollution they make. Many paper companies have reduced the amount of sulfur dioxide emitted during production by switching to cleaner-burning fuels. When a sulfur dioxide mixes with the nitrogen and moisture in the air, they combine to form acid-rain. When acid-rain falls to earth, it affects the growth of trees and plants and can kill all forms of life in lakes. Paper manufacturers have also worked to reduce the water pollution caused by releasing untreated production wastes, such as chemicals, into nearby streams and rivers.

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- 2 Particles and chemicals are not the only environmental concerns of the paper industry. The paper they produce is a growing environmental problem. Americans use over 67 million tons of paper a year, and the majority of it ends up in the landfills. One way to keep so much paper from filling the landfills is to recycle it. A lot of paper we use is recyclable. Plain or office paper, corrugated cardboard, newspapers, and some food packaging can all be recycled. Unfortunately, a lot of things that you might think are recyclable are not. Many kinds of paper packaging contain wax or wax-coated cellophane. This makes **them** non-recyclable. Most junk mail isn't recyclable. While newspapers are recyclable, their **glossy**, colored inserts are not.
- 3 Recycled paper can be used to make products such as newspapers, egg cartons, paper bags, tissues, food and clothing boxes and corrugated boxes. In addition, recycled paper can also be used to make cardboard displays, building insulation and roofing material.
- 4 Even the "waste" left over after recycling paper may be recycled. Manufacturing recycled paper produces by-product called "sludge." It is expected that sludge can be used as a soil conditioner. Spreading it on farm and forest land can add important nutrients to the soil. It can be similarly used to line and cover landfills. It can even be burned and used for energy.
- 5 In addition to all this, the process involved in manufacturing recycled paper is better for the environment. It uses less water, fewer trees and causes less pollution than manufacturing paper with virgin (new) pulp. Air pollution may be reduced as much as 74 percent, and water pollution as much as 35 percent.

Source: Adapted from James Vincent E. & Kuetemeyer. 1997.
Technology Today and Tomorrow. Gencoe/McGraw-Hill.

45. Which of the statements below is true about cleaner-burning fuels?
- A. They make many paper packaging unrecyclable
 - B. They affect the growth of trees and plants
 - C. They reduce the amount of sulfur dioxide produced.
 - D. They pollute the landfills.

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46. Why is the process of manufacturing recycled paper better for the environment than the process of new paper manufacturing is?
- A. The waste of the recycled paper manufacturing can be added to construction materials.
 - B. The process does not require as much water as is required in new paper manufacturing.
 - C. The by-product of the recycled paper manufacturing process is sludge.
 - D. The former releases treated wastes.
47. Which of the following is similar in meaning to glossy as used in paragraph 2?
- A. rough
 - B. harsh
 - C. soft
 - D. smooth
48. Which of the following is true according to paragraph 2?
- A. The paper produced, particles and chemicals are the environmental concerns of the paper industry.
 - B. Chemicals, corrugated cardboard and the paper produced are the environmental concerns of the paper industry.
 - C. Particles, wax-coated cellophane and chemicals are the environmental concerns of the paper industry.
 - D. Cleaner burning fuels, chemicals and the paper produced are the environmental concerns of the paper industry.
49. Which of the following can be the best title for the passage?
- A. Recyclable and Unrecyclable Things
 - B. Paper Manufacturing
 - C. Paper Pollution
 - D. Recycling Paper
50. Which of the following is an example of non-recyclable material?
- A. newspapers
 - B. egg cartoons
 - C. junk mail inserts
 - D. paper bags
51. Recycled paper can be used to make one of the following products. Which one is it?
- A. cleaner-burning fuels
 - B. food packaging can
 - C. chemicals
 - D. wax

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52. Why is paper considered as an environmental problem by paper manufacturers themselves?
- Much of the paper produced, if not recycled, is dumped into landfill.
 - Many paper companies release untreated wastes.
 - Much of the paper produced cannot be recycled.
 - Much of the paper produced is dumped into landfills.
53. Which word used in paragraph 2 refers to a site for sanitary waste disposal?
- plain
 - particles
 - landfill
 - cellophane
54. What does them as used in *This makes them non-recyclable.* . . (Paragraph 2) refer to?
- newspapers
 - corrugated boxes
 - kinds of paper packaging
 - food packaging

Section Two: Reading Passage Two

- Meat, poultry and fish were not originally part of man's diet. Our teeth evolved to deal with tubers and seeds, not flesh. Our digestive systems are those of foragers, not hunters. We cannot gorge ourselves on meat and then go without eating for days as many carnivores do.
- Such evolutionary arguments may seem a thin basis for adopting a vegetarian diet today, however. The fact is that meat is a highly concentrated form of nutriment. It is also among the most appetizing foods in the average diet. Its flavors and smells are so thoroughly woven into traditional Western way of eating that many people find the prospect of doing without it **disheartening**. Yet the evidence that vegetarianism is as a matter of individual choice is now spreading. For a variety of reasons, a habit that was once regarded as an eccentricity is gaining respect.
- A vegetarian diet may be adopted for any one of three reasons- the philosophy of the individual, range of foods that are available locally, or the religious beliefs of a particular community. Religions can impose varying degrees of

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vegetarianism. The Ethiopian Coptic Church, for example, prohibits meat on more than 200 days of the year. Trappist monks **abhor** the taking of life and are entirely vegetarian. Of the major world religions, both Hinduism and Buddhism have similar objections to exploiting other living creatures for food. Strict followers of these faiths are wholly or partly vegetarian.

- 4 A form of enforced vegetarianism is common in many parts of Africa and Asia, where meat costs so much to produce that poorer people are seldom able to eat it. About eighteen per cent of the world's populations (excluding China) eat less than 10g (0.3oz) of animal protein per head per day- equivalent to two small eggs or one cup of milk.
- 5 But with the spread of affluence, the amount of animal protein eaten in the average diet is increasing. Vegetarianism in the West is therefore less than a matter of economic necessity than of choice. The number of voluntary vegetarians in Europe and the US is estimated at several million. Some are motivated by aesthetic or moral ideas; they deplore the killing of animals and some of the methods of raising them for food. Some base their choice on economics; it is more efficient to use land for growing food directly than for feeding animals. Still others simply believe a vegetarian diet is healthier.
- 6 An extreme form of vegetarianism is veganism. The Charter of the Vegan Society says that 'Veganism is a way of living which excludes all forms of exploitation of, and cruelty to, the animal kingdom and includes a reverence and compassion for all life.' In practice, the vegan excludes from his diet not only meat, poultry and fish but also animal milk and other derivatives such as eggs and honey. Soya-based plant-milks are substituted for cow's milk and equally nutritious. Extending the vegan philosophy to clothing, vegans use plastics for rubber and PVC instead of leather jackets, belts or shoes.

Adapted from: Themes: An Integrated Skills Course for Late Upper Intermediate and Advanced Students. 1982. Alan Mathew and Carol Read. Printed in Great Britain by Scot print Ltd, Musselburgh.

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55. As used in paragraph 1, which word from those given below is similar in meaning to **gorge**?
- A. hunt
B. cheat
C. gather
D. stuff
56. Why are 'voluntary vegetarians' mentioned in paragraph 5 in the passage?
- A. to supplement the author's argument against the consequence of an increase in affluence.
B. to indicate that economic necessity is no longer significant in choosing what to eat.
C. to disprove the belief that there is an increase in the amount of animal protein eaten in the average diet.
D. to support the author's argument against animal protein in one's diet.
57. Which of the following can be the best title for the passage?
- A. Enforced Vegetarianism
B. Becoming a Vegetarian
C. Voluntary Vegetarianism
D. Vegetarianism
58. Which statement is true according to paragraph 4?
- A. Followers of the Ethiopian Coptic church abhor the taking of life on more than 200 days.
B. Enforced vegetarianism is common among eighteen percent of the world's population.
C. In Africa and Asia, the cost of meat is seldom beyond what the poor can afford to buy.
D. Vegetarianism has become a matter of individual choice in Africa and Asia
59. Which of the following is the consequence of the spread of wealth in Europe and the West?
- A. an increase in the amount of animal protein eaten
B. a decrease in the amount of animal protein produced
C. an increase in the amount of vegetable eaten
D. an increase in enforced vegetarianism

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60. Of the words given below, which one from paragraph 3 can be replaced by **dislike**?
- | | |
|-------------|------------|
| A. abhor | C. exploit |
| B. prohibit | D. impose |
61. Which one of the following is a reason why vegetarianism eventually gained public acceptance?
- | |
|--|
| A. increase in our understanding of the appetizing nature of meat. |
| B. decline in the spread of a concentrated form of nutrient. |
| C. increase in our awareness of the benefits of vegetarianism. |
| D. decline in the flavors and smell of meat. |
62. Choose from those given below an example of the *evolutionary argument* referred to in paragraph 2.
- | |
|----------------------------------|
| A. foragers' teeth |
| B. hunters' digestive system |
| C. going without eating for days |
| D. carnivores' teeth |
63. **Disheartening** as used in paragraph 2 can be replaced with which one of the following words?
- | | |
|---------------|----------------|
| A. impressing | C. engraving |
| B. depressing | D. interesting |
64. Which one of the following is true about carnivores as implied in paragraph 1?
- | |
|---|
| A. They cannot eat tubers and seeds because of their teeth. |
| B. They can eat much at a time and stay for days on that. |
| C. They hunt poultry and fish to get as much meat as they need. |
| D. They have meat, poultry and fish as part of their everyday diet. |

BOOKLET CODE: 023

SUBJECT CODE: 01

Section Three: Sentence Comprehension

Directions: For items 65 and 66, choose the sentence that is closest to the head sentence. Each question has four choices A-D. Choose the best alternative and **blacken** the letter of choice on the separate answer sheet provided.

65. Both public and private authorities can manage transportation systems, which can involve maintaining and updating infrastructure to ensure the system runs smoothly.
- A. Maintaining and updating infrastructure ensures the transportation systems run smoothly
 - B. Maintaining and updating infrastructure can be managed by public and private authorities
 - C. Maintaining and updating infrastructure ensures public and private authorities run smoothly
 - D. Public and private authorities ensure updating infrastructure runs smoothly
66. In the West or in Europe, there is a great variety of food for people to buy if they want to.
- A. There is no need for a great variety of food in the West or in Europe.
 - B. People in the West or in Europe buy a great variety of food.
 - C. There is no food shortage in the West or in Europe.
 - D. People in the West or in Europe want a great variety of food.

Section Four: Vocabulary

A. Completion

Directions: Items 67-74 are incomplete. There are four alternative words, A-D, given below each sentence. Choose the word that best completes the sentence and **blacken** the letter of your choice on the separate answer sheet provided.

67. Slapping small children on the face is a _____ act.
- | | |
|-------------|---------------|
| A. generous | C. compulsory |
| B. cruel | D. gentle |

BOOKLET CODE: 023

SUBJECT CODE: 011

68. Clean air _____ the well-being of people everywhere.
 A. sustains C. differentiates
 B. maintains D. substantiates
69. Worldwide, a large number of organizations _____ children who have lost their parents in death.
 A. foster C. offer
 B. respect D. sponsor
70. Ethiopia is working hard towards strengthening its _____ relations with many countries.
 A. diplomatic C. dramatic
 B. automatic D. aromatic
71. Many children are often reported missing; you should teach your child not to talk to a _____.
 A. smuggler C. stranger
 B. saboteur D. sniffer
72. These days, many of our old traditions have nearly become _____. One such example is paying dowry in marriage.
 A. excise C. extra
 B. extinct D. external
73. School buses should always be driven by a/an _____ driver.
 A. engaged C. enthused
 B. entrusted D. licensed
74. The bad weather _____ our plan to travel to Dire-Dawa this afternoon.
 A. disrupted C. disturbed
 B. dislodged D. disappointed

BOOKLET CODE: 023

SUBJECT CODE: 01

B. Substitution

Directions: For items 75 - 82 each of the sentences has an underlined word/phrase. There are four alternatives A - D given after each question sentence. Choose one word or phrase that best keeps the meaning of the given sentence if substituted for the underlined word or phrase and **blacken** the letter of your choice on the separate answer sheet provided.

75. There was a cheerful receptionist at the hotel; she always enjoyed amusing her guests.
 A. friendly C. hopeful
 B. thoughtful D. mournful
76. Seventy is a compulsory retirement age in some developed countries. Do you mean they are _____ to retire at the age of 70?
 A. rebuked C. guided
 B. forced D. advised
77. The police arrested the man who often has his lunch at this afternoon and makes off.
 A. snores C. leaves slowly
 B. sleeps D. leaves in haste
78. The use of real life situations made the activity so interactive that everyone in the class loved it.
 A. distributive C. fascinating
 B. argumentative D. participatory
79. There is no point in complaining about his immature behavior; he is always nagging his girlfriend over trivial points.
 A. premature C. grown-up
 B. young D. childlike
80. Zeineb took after her mother; she was as intolerant of liars as her mother was.
 A. resumed C. preserved
 B. reassembled D. resembled

BOOKLET CODE: 023

SUBJECT CODE: 01

81. Regular exercises and balanced diet have many beneficial health effects.
A. benign C. useful
B. operational D. benevolent
82. Our population size has tremendously swelled over the last few decades. Do you know why?
A. increased C. leaped
B. jumped D. escaped

IV. Grammar

Directions: Items 83 - 120 are incomplete sentences. There are four alternative words or phrases, **A-D**, given below each question. Choose the word or phrase that best completes the sentence and **blacken** the letter of your choice on the separate answer sheet provided.

83. Our teacher _____ in any language other than English in class.
A. doesn't like us speak C. doesn't allow us speak
B. doesn't make us to speak D. doesn't let us speak
84. There are two newspapers on my table. _____ of which has an interesting thing to read.
A. No one C. Neither
B. A single D. Either
85. "Just a moment, please!" "The room _____," said the teacher.
A. has been cleaned C. is cleaning
B. is cleaned D. is being cleaned
86. _____ does it take students to do their bachelor's degree in Physics?
A. How many C. How far
B. How long D. How much
87. We _____ study in small groups when we were in the secondary school.
A. have used to C. had used
B. were used to D. used to

BOOKLET CODE: 023

SUBJECT CODE: 01

88. Dad doesn't care much, but mom gets angry if I don't _____ her text message.
A. apply to C. reply for
B. reply to D. reply
89. I couldn't hear what the teacher was saying during the lesson, but I think I _____ him to be louder.
A. could have asked C. would have asked
B. could ask D. would ask
90. I _____ hear a knock on the door. Are you expecting a guest at this moment?
A. shall C. can
B. will D. could
91. You will repeat this course _____ you work harder; your last two test scores were unsatisfactory.
A. until C. unless
B. otherwise D. if
92. **Olang:** I'm the only child for my family. How about you?
Oncho: _____
A. I've tall two, beautiful, sisters
B. I've two tall, beautiful sisters
C. I've beautiful, tall two sisters
D. I've two beautiful, tall sisters
93. **Teacher:** _____ do you often prefer to study?
Student: from 2-5 pm
A. Which time in the day C. During what time of the day
B. What time of the day D. Which time of the day
94. _____ my grade was satisfactory, I feel I studied hard this semester.
A. Even C. Although
B. Despite D. However

BOOKLET CODE: 023

SUBJECT CODE: 01

95. There is no point in sitting and contemplating; _____ study hard, score a good grade and join the department of my choice.
 A. if I were you, I C. if I were you, I can
 B. if I were you, I will D. if I were you, I'd
96. _____, this noise will die down soon; surely, it has been a terribly noisy night.
 A. Essentially C. Sadly
 B. Hopefully D. Truthfully
97. If you continue practising speaking English like this, you _____ speak it fluently very soon.
 A. can C. shall
 B. are able to D. will be able to
98. I was _____ scared to go out in the dark alone. That is why I couldn't join you for dinner.
 A. absolutely C. definitely
 B. surely D. certainly
99. She doesn't speak French very well, _____?
 A. don't she C. does she
 B. won't she D. will she
100. _____ you see the dictionary on the table when you _____ the office this morning?
 A. Did/entered C. Have/entered
 B. Do/enter D. Do/entered
101. Finally, I _____ marrying my classmate who I never talked to when we were in high school. Isn't this amazing!
 A. wound up C. summed up
 B. ended up D. chose
102. The witness was _____ biased that whatever he said was unbelievable.
 A. as much C. such
 B. as such D. so

SUBJECT CODE: 01

110. My grade this semester is _____ than my first semester's.
- A. so much better C. best
- B. so good D. much better

BOOKLET CODE: 023

SUBJECT CODE: 01

111. I have no time to spare! I will _____ myself a sandwich and get back to work quickly.
 A. prepare C. make
 B. cook D. do
112. You can borrow my new book, but you _____ show it to anybody in your class.
 A. won't C. don't
 B. mustn't D. needn't
113. Can you guess what _____ in this room now?
 A. is being doing C. is being done
 B. has been doing D. is doing
114. Why should some people expect to be given food _____ clothes for free?
 A. in accordance with C. as well as
 B. in spite of D. so well as
115. Look, _____ books, newspapers, shoes and socks scattered everywhere on the floor; why don't you keep your room tidy?
 A. those were C. those are
 B. there are D. these are
116. I'm worried about my driving test; I think I _____ hear bad news again.
 A. have to C. may
 B. will D. am going to
117. Hana met Solomon in the corridor and asked him, "_____ for someone?" He answered, "Yes, I wanted to speak to Hilina; she isn't in her office."
 A. You look C. Do you look
 B. Have you looked D. Are you looking

BOOKLET CODE: 023

SUBJECT CODE: 01

118. I don't have a car. _____, I don't even have a driving license.
A. Furthermore C. By the way
B. Incidentally D. Therefore
119. Which of the following questions expects *Jimma is 350 kilometers away from Addis Ababa* as the best answer?
A. Is 350 kilometers the distance of Jimma from Addis Ababa?
B. How far is Jimma from Addis Ababa?
C. How long is Jimma from Addis Ababa?
D. Is Jimma 350 kilometers away from Addis Ababa?
120. Which one is _____, a lemon or a blueberry?
A. the most bitter C. more bitter
B. the better bitter D. the more the better

THE END

**EDUCATIONAL ASSESSMENT AND EXAMINATIONS SERVICE (EAES)
ETHIOPIAN SECONDARY SCHOOL LEAVING CERTIFICATE
EXAMINATION (ESSLCE)
TIKIMTE 2014/15 (OCTOBER 2022)**

**BOOKLET CODE: 176
NUMBER OF ITEMS: 100**

**SUBJECT CODE: 07
TIME ALLOWED: 2 HOURS**

1. What kind of measures do you recommend for water resource management and conservation in Ethiopia?
 - A. Building dams to generate hydroelectric power
 - B. Planting exotic plants near the streams and rivers
 - C. Planting trees on the upper parts of the streams
 - D. Rain water harvesting in the wettest parts of the country
2. If you travel from Addis Ababa to the northeastern lowlands of Ethiopia in summer, you can recognize a high variation in the rainfall. This variation is mainly caused by
 - A. mountain barriers.
 - B. revolution of the earth.
 - C. distance from the sea.
 - D. latitude.
3. Which meteorological station of Ethiopia is expected to receive rainfall throughout the year?
 - A. Moyalle
 - B. Bonga
 - C. Debremarkos
 - D. Gode
4. Which wild animal is unique to the Bale Mountains?
 - A. Wild Ass
 - B. Gelada baboon
 - C. Mountain Nyala
 - D. Walia Ibex

5. Which of the following actions should be taken first to conserve natural vegetation in Ethiopia?
- A. Creating the community's awareness
 - B. Establishing national parks
 - C. Practicing agro-forestry
 - D. Controlling overgrazing of rangelands
6. Which type of soil is found in the desert and semi-desert areas of Ethiopia?
- A. Acrisols
 - B. Cambisols
 - C. Yermosols
 - D. Regosols
7. What is the soil conservation measure that involves resting of arable land for a limited period of time called?
- A. Fallowing
 - B. Limiting grazing
 - C. Check dams
 - D. Intercropping
8. Which of the population theories below considers the loss of human life through drought as a positive check to control fast population growth?
- A. Boserupian
 - B. Neo-Malthusian
 - C. Marxian
 - D. Anti-Malthusian
9. Which one of the following explains the trend of population growth rate of Ethiopia?
- A. Currently, the rate of population growth shows a slight decline.
 - B. Between 1984 and 2007, there was a fast population growth rate.
 - C. At present, Ethiopia is the third most populous country in Africa.
 - D. Before the 1930, the rate of population growth was very high.

10. In which parts of Ethiopia do you mostly observe permanent rural settlements?
- A. In the rift valley sections
 - B. In the pastoralist areas
 - C. In the crop farming areas
 - D. Along the major river valleys
11. If you travel from Ethiopia to Botswana in January, what type of climatic condition would you experience?
- A. Spring rainfall
 - B. Summer rainfall
 - C. Autumn rainfall
 - D. Dry winter season
12. Under what climatic regions of Africa are areas that have high temperature and heavy rainfall throughout the year categorized?
- A. The Tropical monsoon climate
 - B. The Tropical savanna climate
 - C. The Mediterranean climate
 - D. The Tropical continental climate
13. What makes the northern part of Senegal and the southern part of Mauritania similar?
- A. Earthquake
 - B. Recurrent drought
 - C. Volcanism
 - D. Air pollution
14. Which of the following river is known for having the largest waterfall in Africa?
- A. The Zambezi River
 - B. The Congo River
 - C. The Nile River
 - D. The Volta River

BOOKLET CODE: 176

15. One of the following Lakes belongs to Uganda and the Democratic Republic of Congo. Which one is it?
- A. Lake Tanganyika C. Lake Albert
B. Lake Turkana D. Lake Chad
16. Which one describes the economic uses of the African rivers?
- A. They are highly navigable throughout the year.
B. They are sources of construction materials.
C. They are less suitable for hydroelectric power generation.
D. They have been highly utilized for irrigation purposes.
17. What is the foundation of the hydro politics of the Nile River?
- A. The degree to which the Nile River is utilized for different purposes in the upper and lower stream countries.
B. The drought frequency, duration and intensity expected to occur in the Nile basin countries.
C. The amount of budget that the basin countries are contributing to manage the physical environment of the Nile basin.
D. The amount of water that the upper and lower stream countries are contributing to the Nile River.
18. Which one of the following wild animal of Africa is highly hunted for economic reasons?
- A. Gorilla C. Zebra
B. Elephant D. Oryx
19. Why are some rare animals of Ethiopia approaching extinction? This is due to the
- A. extreme fight among the animals.
B. widespread practice of legal hunting.
C. prevalence of harsh climatic conditions.
D. rapid expansion of settlements.

20. Which of the following soils of Africa are correctly paired with respect to their characteristics?
- A. Calcisols — rich in humus
 - B. Acrisols — acidic and shallow
 - C. Vertisols — shallow and stony
 - D. Fluvisols — black basaltic
21. In Ethiopian context, which impact of rapid population growth is critical, compared to others?
- A. Massive air pollution
 - B. High rate of deforestation
 - C. Shortage of pasture land
 - D. Occurrence of water pollution
22. What important message do you expect to hear in a speech to be delivered on the population policy of Ethiopia?
- A. Establishing youth reproductive health counselling centers
 - B. Promoting men-focused family planning strategies
 - C. Encouraging early marriage of females
 - D. Discouraging use of contraceptive methods
23. Which one of the following National Regional State of Ethiopia has the lowest percentage urban from the regional total population?
- A. Afar
 - B. Tigray
 - C. Somali
 - D. SNNP
24. Which one of the following describes the socioeconomic characteristics of Ethiopia?
- A. More than a half of the rural population has access to electricity.
 - B. The illiteracy rate has been decreasing significantly since the 1990s.
 - C. Currently, Ethiopia is one of the middle income countries.
 - D. The majority of Ethiopian population has access to clean water.

25. One of the following conditions can be taken as evidence of a promising future for socioeconomic development in Ethiopia. Which one is it?
- A. Rapid rate of population growth
 - B. High rate of rural-to-urban migration
 - C. Diverse nature of imported goods
 - D. Availability of various natural resources
26. Why has the effectiveness of Ethiopia's Plan for Accelerated and Sustained Development to End Poverty (PASDEP) remained below the anticipated level? This is due to
- A. high dependency on foreign aid.
 - B. shortage of human resource.
 - C. the diverse agro-climatic nature.
 - D. limited road network and infrastructure.
27. In Action Research, which of the following steps will help you to state the assumption you want to be verified in the research?
- A. Reviewing literature
 - B. Stating objectives of the study
 - C. Analyzing and interpreting data
 - D. Formulating hypothesis
28. Which of the following bounds the southern part of the Horn of Africa?
- A. The Indian Ocean
 - B. The Red Sea
 - C. Kenya
 - D. Sudan
29. In which one of the following countries do you expect very diverse natural resources?
- A. Ethiopia
 - B. Eritrea
 - C. Djibouti
 - D. Somalia

30. One of the following demonstrates the strategic relative location of Ethiopia. Which one is it?
- A. It is found in the lower Nile basin.
 - B. It is situated to the southeast of Asia.
 - C. It is one of the Middle East countries.
 - D. It is located in northeastern Africa.
31. What is the advantage of compact shape of Ethiopia?
- A. Easily direct access to the sea
 - B. Possessing similar type of resources
 - C. High economic integration
 - D. High communication gap
32. What kind of geological event occurred during the Precambrian Era in the Horn of Africa?
- A. Intensive volcanic activities
 - B. Formation of the Rift Valley
 - C. Transgression and regression of sea
 - D. Denudation and peneplanation
33. While Mount Tsibet is located in Tigray plateau, which mountain is located in the southwestern highlands?
- A. Mount Batu
 - B. Mount Kaka
 - C. Mount Gughe
 - D. Mount Analu
34. Which landform of the Horn serves as a watershed between the Awash and the Abbay River basins?
- A. The Plateau of Tigray
 - B. The Plateau of Shewa
 - C. The North-Central massifs
 - D. The Plateau of Eritrea

35. Which one of the following best describes the major rivers of Ethiopia?
- A. They have high navigation potential.
 - B. Most have no outlet to the sea.
 - C. They have steady water volume.
 - D. They have steep long profile.
36. Which of the following Ethiopian lakes is classified as the Rift Valley Lake?
- A. Lake Haik
 - B. Lake Hashenge
 - C. Lake Tana
 - D. Lake Abaya
37. In Ethiopia, when is a given settlement considered as an urban settlement?
- A. When the residents depend on different economic activities
 - B. When houses are made up of simple construction materials
 - C. When the inhabitants are primarily engaged in agriculture
 - D. When population size exceeds one thousand people
38. What kind of economic activity involves the production of food stuffs and raw materials?
- A. Tertiary
 - B. Secondary
 - C. Primary
 - D. Quaternary
39. Why is most of the farming activity practiced in the highland parts of Ethiopia?
- A. The availability of large-scale irrigation schemes
 - B. The presence of vast areas of agricultural fields
 - C. Favorable topographic nature of the area
 - D. The availability of reliable rainfall
40. Among the following, which one is an example of a renewable natural resource?
- A. Minerals
 - B. Soil
 - C. Coal
 - D. Natural gas

- ## Geography

46. Which physical environment of the earth is associated with the ground water potential of an area?
- A. The biosphere
B. The hydrosphere
C. The atmosphere
D. The lithosphere
47. How does the World Bank contribute to the economic development of the developing countries?
- A. By financing mega projects
B. By enforcing trade regulations
C. By promoting trade barriers
D. By stabilizing currency values
48. One of the following can be considered as an advantage of globalization for the developing countries. Which one is it?
- A. It has maintained the benefits of the developing countries.
B. It has encouraged local consumption of domestic products.
C. It has ensured equality between countries of the world.
D. It has increased remittance flows to the developing countries.
49. Which one of the following best describes the subject of Geography?
- A. It is especially interested in describing the shape and size of the earth.
B. It focuses on examining man-environment interactions from spatial perspective.
C. It studies about the distribution of human population and their economic activities.
D. It focuses more on the physical features including their names and their whereabouts.
50. Which one of the following can be addressed through topical approach?
- A. Describing the geography of sub-Saharan African region
B. Surveying the geography of the Antarctica continent
C. Studying the different regions of the world
D. Analyzing the hydro politics of the Nile River

51. In which of the following ways does the quantitative revolution contributed to the development of geography?
- A. By advocating the idea that physical factors should be investigated from different perspectives.
 - B. By integrating the idea that geography can be used to solve socio-economic and political problems.
 - C. By integrating statistical techniques, spatial reasoning and digital system in geographical research.
 - D. Through formulating theory such as human beings can change their environment using the latest technology.
52. Which one of the following is considered as the turning point in the development of Geographic Information Systems (GIS)?
- A. The integration of GIS in many disciplines
 - B. The advancement of computer technology
 - C. The increasing demand of GIS from different users
 - D. The advancement of quantitative geography
53. Which one of the following water bodies shares the longest boundary with Africa?
- A. The Red sea
 - B. The Mediterranean Sea
 - C. The Indian Ocean
 - D. The Atlantic Ocean
54. What is the distinctive feature of the Central Africa?
- A. Direct access to the sea
 - B. The smallest in Africa
 - C. Diverse climate
 - D. Highland topography
55. During which geological era did the Pangea break into the Laurasia and the Gondwanaland?
- A. The Mesozoic Era
 - B. The Precambrian Era
 - C. The Cenozoic Era
 - D. The Paleozoic Era

56. What makes Africa the hottest continent in the world?
- A. Ocean current C. Altitude
B. Distance from the sea D. Latitude
57. Which branch of geography is mainly concerned with social beliefs and customs?
- A. Political geography C. Population geography
B. Cultural geography D. Urban geography
58. Under what condition are Fold Mountains formed?
- A. When two forces pull away from each other on the surface
B. When the crust makes cracks due to compressional forces
C. When the earth crust is folded by tensional force
D. When the solid materials of the earth gets bent upward
59. What type of geographic feature is formed when magma cools and solidifies before reaching the surface of the earth?
- A. Caldera C. Batholith
B. Volcano D. Crater
60. Which one of the following is a common agent for both physical and chemical weathering?
- A. Rainfall C. Temperature
B. Plants D. Frost
61. Among the following, which one is a cause for the formation of barchans?
- A. Wind C. Running water
B. Moving ice D. Sea wave

62. Which one of the following explains layers of the earth's atmosphere?
- A. Mesosphere is considered as the home of ozone gas.
 - B. Troposphere is a layer where meteorites burn and disintegrate.
 - C. Stratosphere is the coldest part of the atmosphere.
 - D. Thermosphere is known for having extremely low density.
63. What type of wind might a visitor to one of the coastal areas in Africa observe?
- A. Sea breezes
 - B. Planetary winds
 - C. Monsoon winds
 - D. Mountain breezes
64. What characterizes the coniferous forest region of the earth?
- A. Winter is a period of long days of bright sunshine in the region.
 - B. The region receives a high amount of rainfall throughout the year.
 - C. Agriculture is the most important economic activity of the region.
 - D. The region is dominated by a single type of plant species.
65. In what way is Tundra differentiated from the Polar Ice Cap region?
- A. It is permanently covered by ice and snow.
 - B. Its one-third of months have a positive temperature.
 - C. It is located both in the north and the south poles.
 - D. Its precipitation mainly falls in the form of snow.
66. How has advancement in transport and communication technology brought changes in the location of economic activities?
- A. By enabling producers to sell perishable goods fresh anywhere.
 - B. By facilitating the location of industries to be close to the source of raw materials.
 - C. By increasing the transportation cost of manufactured goods from producers to consumers.
 - D. By supporting industrial workers to live close to their work place.

67. What is the major factor that makes the Nile valley of Egypt one of the most densely populated areas of the world?
- A. Good road network
 - B. Dense vegetation cover
 - C. Fertile alluvial soil
 - D. Favorable climate
68. If a mineralogist from Algeria travels to Ethiopia to explore potash deposit in the Afar Region, what is this type of movement called?
- A. Out-migration
 - B. Intra-continental migration
 - C. Inter-continental migration
 - D. In-migration
69. What is the implication of the low level of urbanization in Africa?
- A. Low rate of urban to urban migration
 - B. Low cost of urban transport facilities
 - C. Low living standard of urban population
 - D. Low rate of rural to urban migration
70. Which one of the following describes the concept of economic growth?
- A. It measures the well-being of human society in a country.
 - B. It involves the qualitative improvement of life in a country.
 - C. It states how fast the production of agricultural crops increases.
 - D. It describes the structural growth and technological advancement.
71. What is the main reason that makes intra-continental trade to be low in Africa?
- A. Lack of political willingness
 - B. The diverse nature of the economy
 - C. Limited access to sea transport
 - D. Absence of common currency

72. In which of the following countries is the contribution of Gold to its economic development the highest in Africa?
- A. Democratic Republic of Congo
 - B. Republic of South Africa
 - C. Botswana
 - D. Nigeria
73. What kind of mining technique is mainly used to extract coal and metal near the surface of the ground?
- A. Quarrying
 - B. Open pit mining
 - C. Strip mining
 - D. Placer mining
74. Why is a peaceful conflict management in mineral resource exploitation areas of Africa recommended?
- A. To foster socioeconomic development
 - B. To satisfy the financial needs of the ruling party
 - C. To limit mineral export to the western world
 - D. To increase mineral resource exploitation
75. In which one of the following contexts can the quantitative research approach be used?
- A. Examining the property of soils of the Ethiopian highlands
 - B. Identifying the basic characteristics of a given region
 - C. Investigating the relationship between rainfall and elevation of an area
 - D. Describing the differences between the Abay and Awash rivers
76. Why is geographic research different from the other research types?
Geographic research focuses on
- A. the social challenges from a temporal point of view.
 - B. the cause-effect relationships of different phenomena.
 - C. the geological formation through mathematical modeling.
 - D. the factors that affect the spatial distribution of population.

77. Among the following major types of rock, which one is formed as a result of compaction and cementation?
- A. Igneous
B. Volcanic
C. Metamorphic
D. Sedimentary
78. What kind of soil is characterized by very small particles and low porosity?
- A. Sandy soil
B. Clay soil
C. Silt soil
D. Loam soil
79. Why is the Koppen system of climate classification more widely used than the Ancient Greeks' classification?
- A. It considers the averages of temperature and precipitation.
B. Its climatic region is within latitudinal boundaries.
C. The Koppen system considers the distribution of water bodies.
D. It is based on temperature and sunshine distribution.
80. How does continental drift cause climate change?
- A. By transferring high amount of heat across the globe
B. By altering the composition of carbon dioxide
C. By changing the aspect and position of the landmass
D. By emitting large volume of gases and dust particles
81. Which climatic zone of Ethiopia is the transition between the hot arid and the humid climates?
- A. Dega
B. Woina-Dega
C. Bereha
D. Kolla
82. What is the main factor that substantially influences the soil of tropical grasslands?
- A. Prolonged drought
B. Water logging
C. Soil leaching
D. Soil acidity

83. In which one of the following continents is the population doubling time very short?
- A. Asia
B. Europe
C. Latin America
D. North America
84. What is the major factor that forces people to migrate from their places of origin in search of employment?
- A. Social factor
B. Ecological factor
C. Political factor
D. Economic factor
85. Which one of the following is the main reason for the high rate of urbanization in Ethiopia?
- A. The presence of a large number of immigrants
B. The presence of a high rate of natural increase
C. Urban development policy of the country
D. High rate of urban-to-urban migration
86. What could be generalized about the population structure of Ethiopia?
- A. In urban areas, the size of male population is greater than that of the female population.
B. One-fourth of the total population of Ethiopia is the elderly population.
C. In most rural areas, the number of males is greater than that of females.
D. Ethiopia has the smallest size of economically active population.

QUESTIONS 87-90 ARE BASED ON THE CLIMATIC DATA OF A HYPOTHETICAL REGION GIVEN IN THE TABLE BELOW. THESE QUESTIONS SHOULD BE DONE ONLY BY NON-BLIND CANDIDATES.

Station	Item	Months											
		J	F	M	A	M	J	J	A	S	O	N	D
G	Temp ($^{\circ}\text{C}$)	15	16	17	17	17	16	15	15	15	14	15	14
	RF(mm)	18	28	72	147	178	271	386	419	286	51	11	7
H	Temp ($^{\circ}\text{C}$)	27	27	26	26	26	25	25	25	24	25	25	26
	RF(mm)	65	96	157	157	135	103	112	163	200	205	161	89
K	Temp ($^{\circ}\text{C}$)	9	9	12	14	17	21	25	25	22	19	13	11
	RF(mm)	103	84	86	84	64	21	7	17	52	65	88	100
L	Temp ($^{\circ}\text{C}$)	26	27	29	32	34	36	35	33	34	31	28	26
	RF(mm)	5	7	19	25	20	3	31	63	29	13	5	4

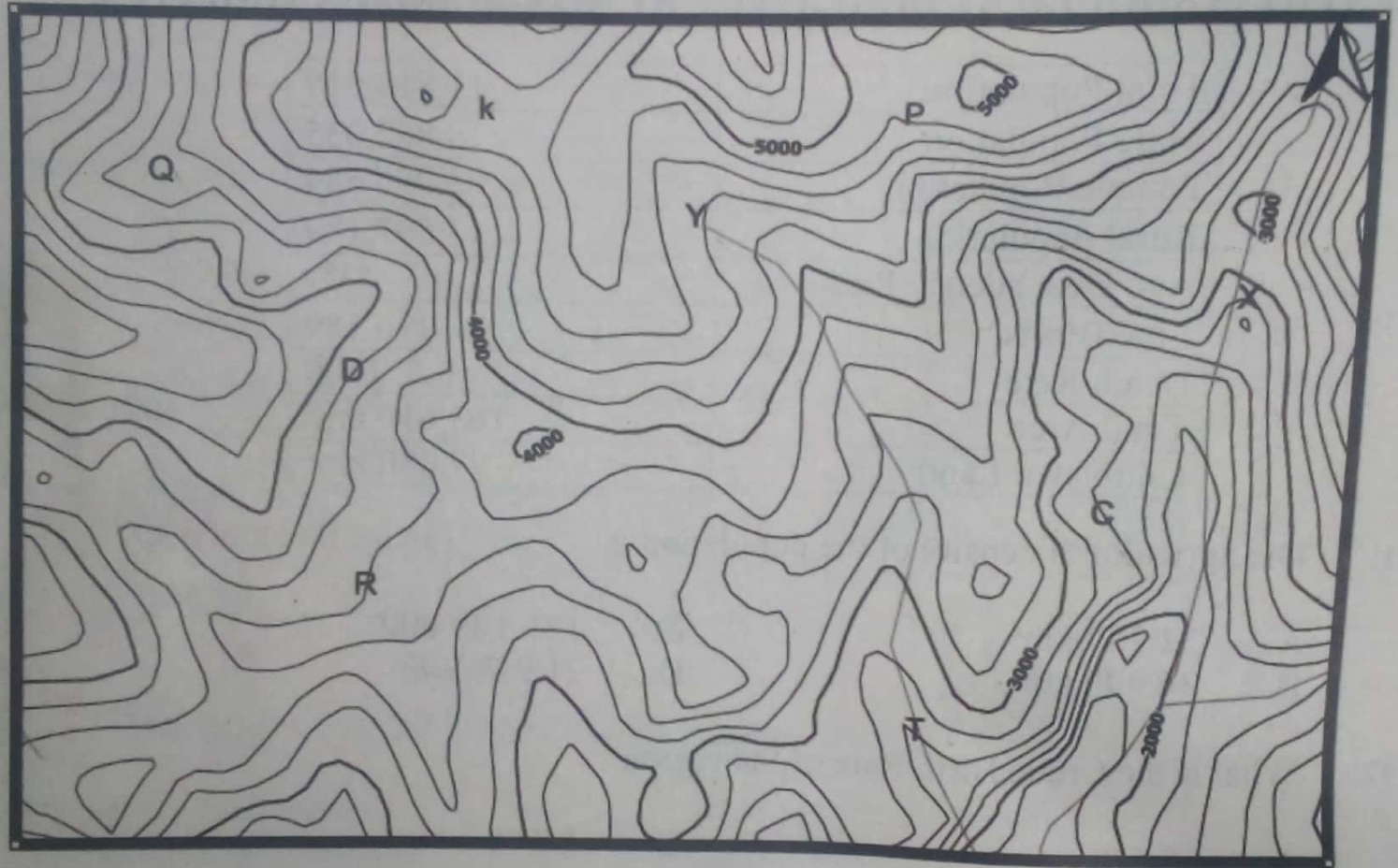
87. What type of rainfall is most likely common in station H?
- A. Orographic
B. Convictional
C. Cyclonic
D. Frontal
88. Which of the following stations dominantly experiences the Mediterranean type of climate?
- A. K
B. H
C. G
D. L
89. Under what type of biome can station 'L' be categorized?
- A. Taiga
B. Deciduous forest
C. Desert
D. Grass land
90. Which meteorological station has the lowest mean annual temperature?
- A. H
B. K
C. L
D. G

QUESTIONS 91-94 ARE BASED ON THE DEMOGRAPHIC DATA OF A HYPOTHETICAL REGION GIVEN IN THE TABLE BELOW. THESE QUESTIONS SHOULD BE DONE ONLY BY NON-BLIND CANDIDATES.

Total Population	11,818,619
Male Population	5,862,035
Female Population	5,956,584
Rural population	3,597,189
Age Dependency Ratio	43%
Live Births	196,189
Death Rate	5.5 /1000
Total Area	163,610 km ²
Cultivated Land	97,430 km ²

91. The agricultural density of the population is
- A. 72.2 P/ km². C. 121.3 P/ km².
- B. 36.9 P/ km². D. 21.9 P/ km².
92. What is the Crude Birth Rate of the region?
- A. 17.5 % C. 1.7 %
- B. 6.6 % D. 16.6 %
93. What does the age dependency ratio of 43% imply?
- A. It refers to 100 persons who are dependent on every 43 economically active persons.
- B. It shows 57% of the total population is dependent on 43% of the labor force.
- C. It implies that 43% of the total population is economically active.
- D. It means 43% of the total population depends on economically active labor force.
94. What is the rate of natural increase of the population?
- A. 1.5 % C. 1.7 %
- B. 11.1 % D. 1.1 %

QUESTIONS 95-100 ARE BASED ON THE ATTACHED MAP. THESE QUESTIONS SHOULD BE DONE ONLY BY NON-BLIND CANDIDATES.



1: 100,000

95. What is the gradient of the slope between 'C' and 'P'? (Map distance between C and P = 8 cm)
- | | |
|-----------|-----------|
| A. 20.9 % | C. 27.8 % |
| B. 25.6 % | D. 30.7 % |
96. What kind of statistical diagram is more suitable to show the relationship between temperature and elevation in Ethiopia?
- | | |
|--------------|---------------|
| A. Bar graph | C. Line graph |
| B. Histogram | D. Pie chart |

97. What is the direction of 'D' from 'Q'?
- A. Southwest C. Northeast
B. Northwest D. Southeast
98. What type of landform is shown between 'Y' and 'T'?
- A. Valley C. Saddle
B. Depression D. Hill
99. What is the areal scale of the given map?
- A. 1 cm^2 to 1 km^2 C. 1 cm^2 to 2 km^2
B. 1 cm^2 to 4 km^2 D. 1 cm^2 to 8 km^2
100. If we reduce this map two times, what will be the scale of the new map?
- A. 1: 50,000 C. 1: 100,000
B. 1: 200,000 D. 1: 75,000

QUESTIONS 101-114, WHICH SHOULD REPLACE THE CLIMATE, POPULATION, AND MAP READING PARTS, MUST BE DONE ONLY BY BLIND AND/OR VISUALLY IMPAIRED CANDIDATES.

101. How does cloud cover cause variation in the spatial distribution of air temperature across the Horn of Africa?
- A. By modifying the angle of the overhead sun
 - B. By allowing the full force of the solar energy to reach the earth
 - C. By deflecting the direction of the incoming solar radiation
 - D. By regulating the incoming and outgoing solar energy
102. What makes the lowland part of Ethiopia sparsely populated?
- A. Prevalence of malaria
 - B. Low plant species
 - C. Low temperature
 - D. Poor soil fertility
103. Of the following regions of Africa, which one has the lowest infant mortality rate?
- A. Western Africa
 - B. Southern Africa
 - C. Northern Africa
 - D. Eastern Africa
104. What is the impact of rapid rate of urbanization in Africa?
- A. Reduction in social evils
 - B. Environmental degradation
 - C. An increase in living standard
 - D. Enhancing planned development
105. Africa is considered as a developing continent because of one of the following reasons. Which one is it?
- A. The economy of Africa is highly dependent on primary activities.
 - B. Africa's economy is based on export-oriented mineral resources.
 - C. There is relatively uniform distribution of wealth in the continent.
 - D. High proportion of the population are engaged in service sector.

106. If you conduct geographic research, in which part of the research would you discuss the statistical techniques to be employed in the study?
- A. Research design
 - B. Data Analysis
 - C. Data collection and organization
 - D. Research Hypothesis
107. Among the following, which one explains the economy of Ethiopia?
- A. There is a strong link between various economic sectors.
 - B. The industrial sector employs more than a half of the labor force.
 - C. The service sector is currently the dominant sector.
 - D. The construction sector is the leading sector in terms of GDP share.
108. What makes Ethiopia advantageous to strengthen its economic relationship with the rest of the world?
- A. The large size human population
 - B. Large areal size of the country
 - C. The high quality of its industrial products
 - D. Geographical proximity to other continents
109. Among the following areas, which one has the highest crude population density in Ethiopia?
- A. Gedeo
 - B. Wolayita
 - C. Assosa
 - D. Warder
110. Which continent shares the smallest percentage of the total area of the world?
- A. Europe
 - B. Australia
 - C. North America
 - D. South America

111. Which statement describes the relief type of rainfall?
- A. It brings a high amount of rainfall to the leeward side of the mountains.
 - B. It is formed when warm and moisture laden wind is forced to ascend to the top mountains.
 - C. It is common in humid parts of the world where the temperature is high throughout the year.
 - D. It is the most common type of rainfall in the lowland parts of the world.
112. Which one of the following describes the equatorial rainforest region?
- A. It is dominated by softwood trees.
 - B. It has a high annual range of temperature.
 - C. It is mostly inhabited by arboreal animals.
 - D. It forms a continuous belt around the earth.
113. Which one of the following is a direct cause for the occurrence of drought in Africa?
- A. Topographic nature
 - B. Distance from the sea
 - C. Volcanic eruption
 - D. Climate variability
114. What kind of soil is found in the Mediterranean climatic regions of Africa?
- A. Luvisols
 - B. Calsisols
 - C. Acrisols
 - D. Regosols

THE END

EDUCATIONAL ASSESSMENT AND EXAMINATIONS SERVICE
ETHIOPIAN SECONDARY SCHOOL LEAVING CERTIFICATE
EXAMINATION (ESSLCE)
CIVICS AND ETHICAL EDUCATION
TIKIMTE 2014/2015 (OCTOBER 2022)

BOOKLET CODE: 254

Number of Items: 100

SUBJECT CODE: 11

Time allowed: 2 Hours

1. The nature of limited government could be expressed through
 - A. limited government is one that functions within the frame work of the provision of the constitution.
 - B. limited government is one that works to please everyone in the society.
 - C. limited government is one that gets power through the consent of the majority and free to anything under the sky.
 - D. limited government is one that cares little to promote the pursuit of happiness for citizens.

2. The American civil war of independence, the French revolution, the African wars against colonialism and many peasant rebellions (e.g. Gojam, Bale and Tigray) in Ethiopia are few examples of struggles against injustices. What lessons can we learn from such struggles?
 - A. If rebellion and struggles are inevitable mechanisms to fight against injustice, they should be for the purpose of prevalence of justice than revenge.
 - B. We cannot think of fighting injustice without the participation in civil wars and armed struggles.
 - C. Since injustice necessarily leads into civil wars, war is the best mechanism to fight against injustice.
 - D. Though it is just to fight against injustices, bloody civil wars or wars between nations may result in bad consequences.

3. According to the principle of equity in taxation
 - A. those who generate more money and income should pay more tax.
 - B. sometimes, less income may result in high taxation.
 - C. illicit activities like contraband are non-taxable business approved by law.
 - D. those who are poor should not pay tax though they earn certain amount of income.

4. In two pastoralist communities adjacent to each other, a conflict broken out over a grazing land. For a long time the community used to solve conflicts using indigenous methods. However, these methods were abandoned of late and were replaced by the modern court system. Accordingly, the case was taken by the police and the court. No sooner had this happened, than the conflict turned seriously violent resulting in damage to property and loss of lives. At last, government agents held talks with local chiefs and elders of the two communities and solved the problem. The type of justice employed in this case is
- A. Primarily procedural justice is employed.
 - B. Mainly retributive justice.
 - C. The three categories of justice are employed.
 - D. Predominantly distributive justice is employed.
5. Which one of the following is **not** among the factors that develop a sense of patriotism?
- A. Protection of rights and broadening opportunities for citizens.
 - B. Tolerance and accommodation of diversity.
 - C. Equal provision of goods and services.
 - D. Overlooking some cultural traits by the government.
6. The expression "be truthful in dealing with your friends" implies
- A. you have to tell about what the people generally accepts.
 - B. you have to tell the actual fact or information about something.
 - C. you do not have to base your claim on scientific facts.
 - D. you do not have to reveal the true nature of reality.
7. The life line of democracy that a democratic system upholds is known as
- | | |
|-------------------------|----------------------------|
| A. Constitutionalism | C. Democratic stagnation |
| B. Decay of rule of law | D. Principles of democracy |
8. Which one of the following explains best presidential democracy?
- A. In a presidential democracy, the people choose twice.
 - B. In a presidential system, the president is head of parliament.
 - C. In a presidential democracies are led by the president and prime minister respectively.
 - D. In a presidential democracy there is a strong checks and balance.

9. Which one of the following is true about an effective foreign policy?
- A. Leads to confrontations
 - B. Fades the development of a country
 - ☒ C. Diminishes ties among countries
 - D. Promotes investment and investors
10. A type of constitution which is drawn from different rules, regulations, laws and declarations passed by parliament and other bodies in the state is:
- A. compiled
 - ☒ B. documented
 - C. unwritten
 - D. Written
11. Among the following rights, which one is a democratic right?
- ☒ A. The right to liberty
 - B. Right of privacy
 - C. The right to life
 - D. Right of nationality
12. Which one of the following is a result of the failure in earlier times to provide protection for women and children constitutionally in Ethiopia?
- A. Development of rights
 - B. Abuse of rights
 - ☒ C. Promotion of rights
 - D. Fulfillments of rights
13. Which one of the following characterizes Ethiopian society today?
- A. Multiculturalism
 - B. Cultural segregation
 - ☒ C. Monoculturalism
 - D. Cultural uniformity
14. During the period of Emperor Haile Selassie the Emperor claimed to acquire his power from:
- A. supernatural force
 - ☒ B. all nationalities of the people
 - C. the people
 - D. popularly elected assembly
15. Which of the following is correct about Ethiopia's foreign policy?
- ☒ A. Ethiopia's foreign policy compromises its national interest and sovereignty.
 - B. Ethiopia's foreign policy allows interference of foreign countries in the internal affairs of the country.
 - C. Ethiopia's foreign policy is based on coexistence and cooperation
 - D. Relationship with other countries that considers only Ethiopia's benefits.

16. Which one of the following statements explains how any work is to be honoured?
- A. Works involve manual labour should not be as honourable as works involve mental labour.
 - B. Works to be honourable should always give immediate rewards
 - ☒ C. Societal values always look any work as an honorable work.
 - D. We have to develop our own values to respect all types of work.
17. Which one of the following statements explains how assertiveness can positively change your life?
- A. Assertiveness increases your own rational confidence in your ability to handle your own affairs.
 - B. Assertiveness increases your dependency on others and be shy in discussions and debates.
 - ☒ C. Assertiveness enables you to exercise your rights ignoring the needs of others.
 - D. Assertiveness enables you to lead a peaceful life isolating yourself from the society.
18. Dependent nations are subjected to interference from outside, because
- ☒ A. they agree to be exploited by wealthy nations
 - B. there are inevitable financial or technological penetration by wealthy nations.
 - C. they establish balanced economic relations with wealthy nations
 - D. they impose protective tariff to encourage the growth of their industries.
19. One of the following ideas is related to the new perspective of saving.
- A. Transforming the way, we think about spending
 - ☒ B. Increasing the work load of the family
 - C. Developing the habit of using expensive product
 - D. Avoiding consuming cheaper product
20. Which one of the following is a mechanism of influencing the actions of government by citizens?
- A. Peaceful demonstrations
 - B. Using bribe for political purpose
 - C. Violent confrontations
 - ☒ D. Manipulating votes in favor of one's political party

21. Which one of the following statements is correct about the role played by international monetary institutions in development?
- A. International financial institutions are equally serving countries of the world.
 - B. International financial institutions have nothing to do with global politics.
 - C. International financial institutions provide financial resources for developing countries without interest.
 - ☒ D. International financial institutions may negatively affect the lives and livelihoods of people who live in developing countries.
22. "A medical doctor experiences job satisfaction when the patients they treat are cured." Which one of the following best explains the quote? Job satisfaction
- A. comes without interest in the work.
 - ☒ B. does not come from social interactions.
 - C. comes from material gain only.
 - D. comes from the success of performing the job.
23. How does work contributes towards world civilization?
- A. By importing cheaper products which makes a country and its citizens dependent
 - ☒ B. By discouraging foreign direct investments that enables to import technologies
 - C. By wasting the time for invention and innovation to achieve a goal
 - D. By investing time and energy to come up with a better way of doing things
24. Assume you are a doctor and you are morally sensitive in your decision about your patients. What kind of person do you think you are?
- A. You give priority to the economic benefits of your decisions
 - B. You make decisions without exploring different moral dimensions
 - ☒ C. You care about ethical justifications of your actions and decisions
 - D. You make decisions without considering the pros and cons
25. What should be the role of government in the fight against contraband?
- A. Cancelling all projects funded by tax levied on contraband
 - ☒ B. Issuing strong laws and measures to prevent contraband
 - C. Revoking tax from contraband goods
 - D. Creating conducive condition for contrabands

26. Which one of the following statements is true about the active role Ethiopia played in the formation of global organizations?
- A. Addis Ababa is headquarter of the UN Economic Commission for Africa.
 - B. Ethiopia was a founding member of non-aligned movement.
 - C. Ethiopia was the founding member states of the League of Nations.
 - ☒ D. Ethiopia played a pioneer role in the establishment of the United Nations.
27. Which one of the following statements is correct about the differences between the constitutions of the federal and regional states?
- A. The states' Constitutions give way to arbitrary rule of individuals.
 - B. The FDRE Constitution works within the territory of Addis Ababa and not beyond.
 - C. The States' Constitutions should be enacted according to and in line with the FDRE Constitution.
 - ☒ D. Only the States' Constitutions state that everyone is subject to the law and jurisdiction of the courts.
28. Which action contributes to increase the role of individuals in the fight against corruption?
- A. Imposing restriction on office holders
 - ☒ B. Frequently changing government officials
 - C. Applying divide and rule between those who govern and the governed
 - D. Encouraging whistle-blowers
29. How can citizens fight corruption within the limit of their capacity?
- A. By becoming honest and truthful in their day-to-day activities
 - B. Through looting the properties of corrupt citizens
 - ☒ C. Through conducting demonstrations and breaking rule of law
 - D. By violently rebelling against corrupt official and illegal merchants
30. Which one of the following indicates the role of taxation in the national economy?
- A. Securing grants and aids from international agents
 - ☒ B. Building infrastructures
 - C. Making government services to the public inefficient
 - D. Maintaining security and enforcing the rule of law

31. Which of the following statements is correct about the distribution of equality and burdens among the nations, nationalities and peoples of Ethiopia?
- ☒ A. Burdens and benefits should be fairly distributed among the nations, nationalities and peoples.
 - B. Equality refers to equal distribution of national resources regardless of any difference.
 - C. Since there was historical inequality; the nations, nationalities and peoples of Ethiopia should not be treated alike.
 - D. Burdens should be imposed on some sections of the society in order to revenge past injustice.
32. Which one of the following is the qualities of a patriot?
- A. Being deceitful, erratic, and devious.
 - B. Hesitating to say "no" when you see something wrong.
 - ☒ C. Respecting the human and democratic rights of a person.
 - D. Mistreating others the way you do not want to be treated.
33. Thinking as a global citizen, patriots can show their commitment to the international community through
- A. taking strong position against terrorism.
 - ☒ B. losing your pride in the national flag
 - C. promoting your own interest over others
 - D. refraining from defending national security
34. Girma is a respected person in the society because he fulfills his responsibilities as the member of the society. What has the society benefited from Girma's fulfilling his responsibilities?
- A. Benefitting families and friends unfairly
 - B. Suffering from bad behaviors
 - ☒ C. Living in peace and synchronization
 - D. Individual self-interests being fulfilled
35. Which one of the following demonstrates Ethiopia's contribution to maintain international peace?
- A. By invading neighboring countries
 - ☒ B. Supporting civil wars in other countries
 - C. By producing and importing nuclear weapons
 - D. Offering soldiers to peacekeeping forces

36. Among the different mechanism of settling dispute, litigation is different in that, it
- A. is a non-peaceful way of settling disputes.
 - B. makes use of diplomacy as an instrument of settling disputes.
 - C. is a system of solving disputes through mediators.
 - D. is a means of settling disputes through a court of law.
37. What attributes of modern day patriots in Ethiopia?
- A. giving special concern for the well-being of the country.
 - B. To pray not to see any war in one's own life time.
 - C. To pray for war to come to show his/her patriotism.
 - D. To appear on Adwa victory day and other national holydays to celebrate.
38. Which one of the following associations is **not** under the category of civil societies?
- A. Youth and Women's organizations that work for social justice.
 - B. Professional associations that mobilize contributions of experts.
 - C. Environmental protection associations that work for environmental wellbeing.
 - D. Female based political parties that fight for gender equality.
39. Which one of the following statements explains promise in a societal context? It is a
- A. promise what we make to improve our lives
 - B. word what one keeps as a secrete
 - C. responsibility what we make to fulfill
 - D. benefit what we expect from the society
40. Which one of the following statements is correct about executing responsibilities?
- A. Responsibility often leads to a person missing out on future opportunities
 - B. If we are responsible, we are likely to be rewarded for our actions
 - C. If we are responsible, we are likely to bear the burden of the society
 - D. Responsibility should always come with rewards

41. Almaz is an active member of the Ethiopian Women Lawyers' Association (EWLA) and she advocates and lobbies for
- ☒ A. legislature that entertains the due attention to the lived experiences of women and addressing gender based pressing problems.
 - B. the provision of an open trial for cases that might have psychological impact on the victims, like child rape and domestic violence.
 - C. ensuring unequal treatment of women and men.
 - D. the repeal of provisions with regard to the prosecution of crimes in case of subsequent marriage after rape and abduction.
42. Which one of the following distinguishes clearly wisdom from knowledge?
- A. Knowledge and wisdom are synonymous and there is no significant difference between them.
 - B. While wisdom is accumulated knowledge on how to respond to reality, pass decisions and make judgments, knowledge is basically about the descriptive aspects which facilitate communication and good life.
 - C. While wisdom is transformation in science and technology, knowledge is a generalized understanding about basic features of truth, reality, existence and meaning of life.
 - ☒ D. Knowledge and wisdom are two different things that have nothing in common.
43. Which one of the following statements explains the difference between myth and truth?
- A. Myth is a traditional cultural belief based on empirical evidence
 - B. Myth is always untrue and it has no value to understand the society
 - C. Truth is justified claim based on the actual fact or information
 - ☒ D. Truth is what people think or accept as good and important
44. Which one of the following statements explains a feature of a constitutional democratic system?
- A. It creates the condition for political, economic and cultural equality
 - ☒ B. Under parliamentary democracy check and balances are implemented more effectively than in a presidential democracy
 - C. It challenges the existence of constitutionalism as a state ethos
 - D. It doesn't exist without written constitution

45. If a country ruled by a government with power but not by authority, then the government
- A. is illegitimacy
 - B. is parliamentary
 - C. is super power
 - D. is a communist
46. A person born to Ethiopian parents abroad acquires Ethiopian citizenship by
- A. *jus sanguinis*
 - B. *jus soil*
 - C. adoption
 - D. naturalization
47. Which one of the following justifies the importance of writing an objective history of Ethiopia?
- A. Giving attention mainly for religious matters
 - B. Recognizing the contribution of people to their country
 - C. Magnifying the role of the rulers
 - D. Writing only about one's own ethnic group
48. *Woizero* Tringo is an entrepreneur who lives in Bonga. Having raised fund from neighborhood, she provided a temporary shelter and work for nine homeless individuals who live in the vicinity of her enterprise. *Woizero* Tringo's act of patriotism for her compatriots
- A. promotes private interest
 - B. is chauvinistic
 - C. serves the common good
 - D. is self-esteem
49. *Ato* Doyo is a chairman of Tigat cooperative which has a membership of 15 fisher men on the shore of Lake Chamo. The members of this Enterprise are noted for their hard work. Besides, they pay tax properly. The type of responsibility displayed by Tigat cooperative is
- A. traditional
 - B. moral
 - C. legal
 - D. custom based
50. Which of the following body of rules is an ordinary law which governs human relationships regulating the physical properties they owe?
- A. Civil law
 - B. Business law
 - C. Criminal law
 - D. Environmental law

51. Work is the only possible way that enhances national development. But many nations including Ethiopia are less developed. What can be root causes of such problems in relation to the work culture?
- A. Accumulative individual development which is an outcome of one's hard work contributes to social development.
 - B. Material benefit is one but not the only gain that people should expect as a reward of their hard work.
 - C. The majority of the people of Ethiopian are not hard workers, rather than working they consume what they did not produce.
 - D. Though hard workers, people may want to develop themselves without regard to social development.
52. Which one of the following characterizes best the situation of the Ethiopian economy?
- A. Since it is predominantly government oriented, it is unique.
 - B. It is an import-led growth.
 - C. It is aligned to the free market economy principles.
 - D. It is strictly a command economic system.
53. Which one of the following explains best the quality of effective leader to promote public participation? An effective leader is one who
- A. is theoretical and set unrealistic goals
 - B. positively touches others morally and socially
 - C. works in routine functions.
 - D. gives a reason to do something
54. Which one of the following is true according to the scientific theory of truth?
- A. Truth is relative to space and time
 - B. Truth is measured by its usefulness
 - C. Truth depends purely on objective facts
 - D. Truth is absolute and not dynamic

55. Identify the statement that explains best the scientific method of collecting and analyzing data.
- A. The types of methods used to collect data depend on the interest of the researcher.
 - B. Qualitative data are gathered in the form of statistics from the internet and other sources.
 - C. It is all about accepting the theory or hypothesis as a fact without undergoing a test.
 - D. The data collected and analyzed for specific purposes helps to generalize and recommend.
56. Which one of the following contributes to living within the limits of one's income?
- A. Spending beyond the limits of ones resources
 - B. Using public property appropriately
 - C. Extravagance
 - D. Planning
57. The mandate given to the House of Federation excludes
- A. representing all Nation, Nationalities and people of Ethiopia.
 - B. representing all the elven regional states of Ethiopia.
 - C. appointing member of the council of ministers.
 - D. ratifying the budget distribution formula.
58. Lemi and Rahawa are grade twelve students. Both are 18 years old. They organized a discussion forum in their school which creates awareness about citizens' rights including the right to vote for their class mates. The type of participation which Lemi and Rahawa are advocating in this way is
- A. cultural participation
 - B. social participation
 - C. political participation
 - D. economic participation
59. The difference between rules and laws is that
- A. laws are derived from rules
 - B. rules and laws are co equals
 - C. rules give rise to laws
 - D. rules are derived from laws

60. Which one of the following characterizes truth?
- A. Verification through unreliable source
 - B. Unmerited judgments in court of law
 - C. Being in accord with fact or reality
 - D. Being symbolic narrative
61. All of the following are common goods **except** one
- A. equality across genders, and diversified groups.
 - B. sustaining the status quo regarding gender issue.
 - C. national sovereignty and state secrets
 - D. prevalence of justice and social harmony.
62. One can effectively practice his/her national responsibility as a citizen by
- A. taking one's share in the public property by any convenient means like looting.
 - B. prioritizing on one's personal capabilities and leaving social responsibility to others.
 - C. participating in armed struggles to overthrow non-democratic governments and their supporters.
 - D. resolving conflicts that arise due to failures of mutual understanding by peaceful ways.
63. As a Taxi driver, Mr. Guluma is a well-known public servant. He worked for about 20 years and he rarely committed faults. While he was on the way to his home after a regular work, a drunkard man collided with his car. It was not Guluma's fault and nobody could label him a criminal. But he took the man to a hospital and reported the case to a police officer. What can be said about Guluma's action?
- A. He was a criminal and should not be free by the court.
 - B. There is no special issue in his actions.
 - C. He was irresponsible in connection with his reaction to the drunkard man.
 - D. He was responsible for his actions.

64. These days many people are earning good amount of money by participating in online marketing. Ultimately, our purpose of spending our time is to get money. The youth are now rich because of their adoption of an effective modern approach and efficient uses of technology. Evaluating this reality one can say
- A. if money can be earned through such time consuming and technologically friendly manners, then the government should give priority to it and collect proper tax from the incomes.
 - B. traditional means of production and income generation can be replaced by modern mechanisms of cost effective income generation.
 - C. if a significant number of youth are participating in such easy ways of getting money, then it adds to the development of the national economy.
 - D. if a significant number of youth can earn money through such short cuts, it may deteriorate the work habit and affects the personal and national self-confidence.
65. Which one of the following clearly puts the pros and cons of economic globalization?
- A. With the possibility of certain bad consequences, economic globalization enriches the economic beliefs and ideas of nations.
 - B. Since globalization is manifested in the form of technology and communications, it rarely affects the economic system of nations.
 - C. While globalization is inevitable, economic influences are normal among states; hence, adopting one economic system may not be useful.
 - D. Since it is technologically supported, economic globalization is irrelevant for developing nations that depend on traditional farming.
66. The social media provides us with the opportunity of accessing every information about everything. Sometimes we face difficulties in trusting the conflicting claims about the same thing. To solve this problem one needs to
- A. data gathering and survey.
 - B. ridiculing the sources of information.
 - C. observation to cross check the facts.
 - D. analysis of information to make decision.

67. Every responsibility is attached with democratic and human rights and opportunities. By performing one's obligations, there are reciprocal rights to enjoy and vice versa. But if we fail to perform our obligations
- A. since we are human beings, our universal human rights cannot be compromised.
 - B. it is solely the government who decides which rights are reciprocal to which duties.
 - C. there will be a situation where we may be prohibited to exercise our rights.
 - D. it is our personal affairs, we are free to decide on which duty to perform.

Questions 68 and 69 are based on this short story. Read the story carefully and answer the questions accordingly

In a certain private organization, the manager is a well known professional and has academic records of professorship. He is effective in mobilizing the employees for the organization objectives. So as to facilitate such collaborative work culture, he planned, with the human resource officer that workers who can understand the manager should be selected in the recruitment process. Vacancies are designed to fill this intention. In relation to the composition of staffs, some of them are his friends, others his classmates, and the remaining few are selected based on their merits. Since the organization is a privately limited company, significant numbers of staffs are relatives to the owner. Each colleague easily understands the orders of the manager and the organization is profitable.

68. According to the above story, one can evaluate the recruitment procedure and vacancy announcement of the organization is
- A. a process which shows that the organization satisfies its corporate responsibilities.
 - B. one which lacks transparency and accountability in recruitment procedures.
 - C. transparent for the purpose of organizational mission and objectives
 - D. lead by a manager who is an innovative person who strives for the success of the organization.

69. Inspecting on the staff composition of the organization, one can argue that
- A. the organizational culture is built on priority basis and failed to entertain diversity.
 - B. it is visible that the organization is tolerant of differences from different backgrounds.
 - C. as far as its power is concerned, the organization entertains diversity.
 - D. since it is a private limited company, the manager and owner have rights to choose workers.
70. From the modern history of the world, Ethiopia played crucial roles in international events. It is known for its victory over colonizers at the battle of Adwa, for its initiatives of Ethiopianism in the anti-colonial wars. Ethiopia also participated as a founding member in the establishment of Continental and International Organizations like the United Nations. All of these indicate that
- A. it was not because of her interest that Ethiopia participated but being forced.
 - B. Ethiopia was invisible in the modern global political history.
 - C. Ethiopia did not benefit from such roles as a founding member.
 - D. such role are characteristics of national sovereignty in the history of Ethiopia.
71. Which one of the followings is the effect of corruption?
- A. Protecting public resources from reduction.
 - B. Reduction in the capacity of public investment.
 - C. Better job opportunity that goes to the most qualified citizens.
 - D. Reduction in income disparities among citizens of state.
72. Amina and Ojulu are young Ethiopians who came from the Somali and Gambela regional states respectively. They met in Addis Ababa when they visited Unity Park with their parents. They were able to see various household items, traditional clothes and instruments in the pavilions built for each regional state. They were able to know about different cultures in Ethiopia. What lesson have Amina and Ojulu taken from their visits?
- A. Importance of bringing all people under one culture
 - B. Respect for all cultures in the country
 - C. Superiority of one culture to the others
 - D. Benefit of cultural uniformity

73. Which one of the following is a constructive contribution of responsible citizens in the operation of justice?
- A. Abiding by the laws of one's nation
 - B. Opposing injustice only when it comes against one's own self
 - C. Letting justice go unchecked
 - D. Being submissive to all acts of injustice
74. Hewan, Dinegde, Abrehet and Ali are members of the young generation who organized a club in order to give awareness about the wrong attitude and unfair treatment of people engaged in pottery in their locality. The type of injustice which these young men and women trying to combat is
- A. racial discrimination
 - B. occupation-based discrimination
 - C. religious segregation
 - D. gender-based discrimination
75. Which one of the following is true about building a positive attitude towards work?
- A. Coming to work place on time is a way of respect for work.
 - B. Since factory workers spend more energy, they must be respected more than office workers.
 - C. White collar work is more respectful than blue collar work.
 - D. Work is done exclusively to accumulate money.
76. What is the justification for the necessity of limiting human and democratic rights?
- A. Because of interests of groups to maximize their personal greed.
 - B. Because of International impositions from strong nations.
 - C. Because states want to exercise their maximum authority.
 - D. Cases which are beyond our capacity to control where limiting appears inevitable.

77. Which one of the following is among commonalities between the empire builders of modern Ethiopia before 1974?
- A. They were modernists and they focus on traditional values to protect the country from science and technology.
 - B. They lack a sense of patriotism and were derived by their personal egoistic interests that was against the national interests.
 - C. Most of them played a significant role to bring back and reunite some of the ancient parts, consolidate and expand Ethiopia to its present form.
 - D. They were parochial partisans of certain groups and failed to develop national unity and territorial integrity.
78. Which one is **wrong** about the different types of laws?
- A. International law includes customary rules, treaties or conventions.
 - B. Divine law is believed to be an outcome of divine power.
 - C. Common law arises from the wills of the people and their traditional values.
 - D. Statute law is a formal written law enacted by the legislative body.
79. Corruption is one of the manifestations of breach in the rule of law. It can assume the form of
- A. use of government offices as opportunities to personal development.
 - B. effective distribution of responsibilities and opportunities among citizens.
 - C. accountability and transparency in public positions.
 - D. access to information by the general public.
80. Which one is **not** a proper remedy for the durable inequalities among males and females?
- A. Women and men are considered to enjoy equal opportunities in economic, social, and political affairs of their society.
 - B. Law enforcement and policy are responses to harmful customs, laws and practices that cause bodily and mental harms to women.
 - C. Women are entitled to replace the place of men in social, economic and political positions.
 - D. Women are entitled to affirmative action measures as a positive discrimination to reclaim their equality.

81. Which statement correctly explains the discrimination of women in Ethiopia's past?
- A. Women had the same legal rights as men.
 - B. Women were marginalized and subordinate to men.
 - C. Ethiopia's past witnessed fair treatment of women as the country was led by some famous queens.
 - D. Women enjoyed the right to own and inherit land and other properties.
82. Which one is the consequence of failing to acknowledge unity in diversity?
- A. Existence of peace and stability
 - B. Big groups would dominate small ones for eternity
 - C. Unnecessary tensions among different groups
 - D. Mutual existence of different groups
83. Which statement explains the distribution of social services and national resources in Ethiopia?
- A. There was an imbalance in the distribution of social services between the different classes of society.
 - B. There was equal distribution of social services across the country.
 - C. The distribution of social services was biased towards the ethnic groups of monarchs.
 - D. The families and friends of the monarchs were not treated differently as to the distribution of social service.
84. Identify the correct statement about the functions of courts.
- A. Courts cannot be non-partisan as far as there are societies who were discriminated in the past.
 - B. Courts should determine whether the person charged with criminal activity is guilty or not.
 - C. Courts should give verdict depend on decisions of government officials.
 - D. Courts should give priority to group rights over individual rights.

85. Which one of the following statements is correct about the methods of tax assessment in Ethiopia?
- A. People earning the same amount of income may not pay the same amount of tax.
 - B. All citizens whatever their income should pay tax
 - C. People earning the same amount of income within the scale of taxability should pay the same amount of tax.
 - D. People earning a small income to a certain threshold do pay any tax regardless of their capability.
86. Which one of the following characterizes best the manifestation of self-reliance on individuals?
- A. Develop a sense of courageousness to force others.
 - B. Develop one's skills for his/her own egoistic personal survival.
 - C. Rational self-confidence in supporting or denying the ideas of others.
 - D. Accept whatever elders say for the sake of respecting them.
87. The basic component in the decision making ability of self-reliant persons is
- A. sense of self-respect and self-esteem that is a sole element in making decisions.
 - B. constructive criticism and self-criticism for improving oneself.
 - C. repeatedly changing one's mind if new suggestions come from others.
 - D. denying the ideas of others if they are not knowledgeable persons.
88. *Woizero Bontu* is a civil servant in a governmental organization. She uses her time effectively and gives proper time for her children. Sometimes, she brings her little daughter into office and spend some time with her daughter. We can conclude that *Woizero Bontu* is using her office hours to look after her daughter. From this story, what can we say? *Woizero Bontu* is:
- A. is not economical in using office hours.
 - B. not a well fitting public servant.
 - C. a responsible mother.
 - D. effective in time management.
89. All are responsibilities of citizens towards their society, **except**:
- A. not too much involved in the political life of the society
 - B. always respecting the law
 - C. practicing tolerance
 - D. staying informed about what is going on

90. Which one of the following is a principle or opinion that expresses more than what a single fact can express?
- A. Abstraction
 - B. Analysis
 - C. Conceptualization
 - D. Generalization
91. Tenagne and Kia are grade nine students who are members of an HIV/AIDS Club. Upon the completion of their training, they held a meeting with victims of HIV/AIDS. They also organized social events with them. What message does the above story convey?
- A. One of the preventive mechanisms of HIV/AIDS is avoiding patients of HIV/AIDS.
 - B. An HIV/AIDS victim must not disclose his/her living with HIV/AIDS.
 - C. Discrimination of HIV/AIDS patients is necessary.
 - D. Discussing HIV/AIDS openly is mutually beneficial for both victims of HIV/AIDS and the rest of the community.
92. The major role of court in the administration of justice is
- A. interpreting the law
 - B. implementing the law
 - C. to protect the authority of the rulers
 - D. to make sure the government is legitimate
93. Abdulkadir, Gebeyehu and Musa are members of the mini-media Club in their school. During their spare time from classes, they made use of different resources including books, newspapers and video clips to produce quality programmes for their audience. The type of work ethic displayed by these students is
- A. willingness to learn
 - B. punctuality
 - C. honesty
 - D. maximizing productivity
94. All of the following are manifestations of self-reliance except one. Which one?
- A. Self-respect
 - B. Decision making independently
 - C. Complete independence
 - D. Taking care of oneself

95. Zeru is a resident of Adama. He graduated from Addis Ababa University in sociology. He wanted to establish an NGO and help members of his community who encountered various social problems such as homelessness through his professional expertise. However, his best friend, Angasa, advised him to be employed and earn a monthly salary instead. He followed the advice of his friend and was employed in a governmental organization. Soon, Zeru lost interest in his work and regretted his decision to be employed due to the influence by his friend. These shows:
- A. the benefit of being dependent on others in decision making.
 - B. the worthlessness of making decisions dependently.
 - C. the worth of making decisions independently.
 - D. the advantage of being influenced by others in decision making.
96. Which one of the following is an indicator of development?
- A. A high rate of illiteracy
 - C. A high rate of mortality
 - B. A high rate of unemployment
 - D. A high life expectancy
97. The judiciary protects individual rights through the principle of due process of law. Which of the following is the element of due process of law?
- A. Accessibility of court and tribunals is guaranteed to all defendants equally without discrimination.
 - B. The defendant has the burden of providing evidence for the commission of the crime.
 - C. All persons have alienable rights to petition the court to order their physical release.
 - D. The accused person has the right to be presumed guilty until proven innocent.
98. Which one of the following indicates the distinction between individuals, human and group rights?
- A. Both group and individual rights aim at ensuring freedom from discrimination.
 - B. Group rights are instruments to facilitate the realization of inequalities.
 - C. Group rights are rights held by individuals as a member of a given group.
 - D. Group rights and human rights are the same as both are universal to all human beings.

99. Which one of the following explains the role of affirmative action toward women in Ethiopia?
- A. It decreases the number of female students enrolled in schools.
 - B. It enables women to have equal participation with men.
 - C. It enables women to be considered as a second class citizens.
 - D. It enables women to be under represented in the world of work.
100. The type of crime that involves a deliberate act of endangering the lives of people or property, or denying the freedom of a person or group of persons is known as
- A. drug trafficking
 - B. corruption
 - C. treason
 - D. terrorism

THE END

EDUCATIONAL ASSESSMENT AND EXAMINATION SERVICE
ETHIOPIAN SECONDARY SCHOOL LEAVING
CERTIFICATE EXAMINATION (ESSLCE)
SCHOLASTIC APTITUDE TEST
TIKIMTE 2014/ 15 (OCTOBER 2022)

BOOKLET CODE: 063
Number of Items: 60

SUBJECT CODE: 03
Time Allowed: 2 hours

SECTION ONE: Verbal Reasoning (Questions 1-35)

This section which is subdivided into analogy, synonyms, antonyms, sentence completion, reading comprehension, analytical and logical reasoning contains **35** verbal reasoning items altogether. Each subsection is followed by its specific direction.

Sentence completion (1-5)

Directions: Each sentence below has one blank space followed by four options. Choose the option that best fits the meaning of the sentence as a whole and **blacken** the letter of choice on the separate answer sheet provided.

1. The weather outside was extremely pleasant and hence we decided to _____.
A. employ this rare opportunity for writing letters
B. enjoy a morning ride in the open
C. refrain from going out for a morning walk
D. utilize our time watching the television
2. She never visits any zoo because she is a strong opponent of the idea of _____.
A. going out of the house on a holiday
B. feeding the animals while others are watching
C. holding the animal in captivity for our joy
D. setting the animal free into the forest
3. I felt somewhat more relaxed _____.
A. and tension free as compared to earlier
B. as there was already no tension at all
C. and tense as compared to earlier
D. but tense as compared to earlier

4. Practically, very little work could be completed in the last week as it was _____.
- | | |
|-----------------------|-------------------------|
| A. a very hectic week | C. full of working days |
| B. a very busy week | D. full of holidays |
5. Despite all the efforts made to stop the war, _____.
- | |
|--|
| A. the two groups expressed interest for peace |
| B. the two groups seem determined to continue fighting |
| C. the two groups do not seem to continue fighting |
| D. the two groups agreed to negotiate |

Analogy (6- 10)

Directions: To answer the items 6-10, read each of the following words carefully and choose the word that correctly completes the analogy. Then **blacken** the letter of your choice on the separate answer sheet provided.

6. MARATHON is to RACE as HIBERNATION is to _____.
- | | |
|----------|-----------|
| A. Bear | C. Dream |
| B. Sleep | D. Winter |
7. CUP is to COFFEE as BOWEL is to _____.
- | | |
|----------|---------|
| A. Food | C. Soup |
| B. Spoon | D. Dish |
8. EMBARRASSED is to HUMILAITED as FRIGHTENED is to _____.
- | | |
|---------------|--------------|
| A. Reckless | C. Agitated |
| B. Courageous | D. Terrified |
9. OPTIMIST is to CHEERFUL as PESSIMIST is to: _____.
- | | |
|------------|-----------|
| A. Helpful | C. Gloomy |
| B. Mean | D. Petty |
10. COBBLER is to SHOE as CONTRACTOR is to: _____.
- | | |
|-------------|----------|
| A. Building | C. Stone |
| B. Boot | D. Horse |

Reading Comprehension I (11 -15)

Directions: Read the passage carefully and answer questions 11-15. Each question is based on the information stated or implied in the passage. Then **blacken** the letter of your choice on the answer sheet provided.

To read a lot is essential. It is stupid not to venture outside the examination "set books" or the textbooks you have chosen for the intensive study. Read as many books in English as you can, not as study material but for pleasure. Do not choose the most difficult books you find with the idea of listing and learning as many new words as possible. Choose what is likely to interest you and be sure in advance that for that deadens the interest and checks real learning. Look up a word here and there but, as a general policy try to push ahead, guessing what words mean from the context. It is extensive not intensive reading that normally helps you to get interested in extra reading and thereby improve your English. You should enjoy the feeling, what extensive reading gives, some command of the language. As you read, you will become more familiar with words and sentence patterns you already know, understanding them better as you meet them in more contexts, some of which may differ only slightly from others.

Adapted from *Reading Comprehension - Practice Questions*

11. The main purpose of the passage
- ☒ A. telling readers how to improve their English
 - ☐ B. giving advice on how to learn new English words
 - ☐ C. giving advice on how to teach English
 - ☐ D. describing the importance of English
12. On what factors learning and improving English depends on?
- ☐ A. constantly looking up new words in a dictionary
 - ☐ B. the material you use
 - ☐ C. the place where you live
 - ☒ D. reading a lot of English books
13. What is essential when you learn English?
- ☒ A. you should enjoy the feeling of reading.
 - ☐ B. translate new words into your mother tongue.
 - ☐ C. read a lot of English books
 - ☐ D. learn different words from people

14. What precautions should you take while choosing a book to read?
- A. intensive reading
 - B. extensive reading
 - C. choose the more difficult books from your subject books.
 - D. choose the books from outside your examination course.
15. Which type of reading can help you?
- A. Reading dictionary words
 - B. Extensive reading
 - C. Reading difficult words
 - D. Intensive reading

Reading Comprehension II (16 -20)

Directions: Read the passage carefully and answer questions 16-20. Each question is based on the information stated or implied in the passage. Then **blacken** the letter of your choice on the answer sheet provided.

(1) Mental and physical health professionals may consider referring clients and patients to a music therapist for a number of reasons. It seems a particularly good choice for the social worker who is coordinating a client's case. Music therapists use music to establish a relationship with the patient and to improve the patient's health, using highly structured musical interactions. Patients and therapists may sing, play instruments, dance, compose, or simply listen to music.

(2) The course of training for music therapists is comprehensive. In addition to formal musical and therapy training, music therapists are taught to discern what kinds of interventions will be most beneficial for each individual patient. Because each patient is different and has different goals, the music therapist must be able to understand the patient's situation and choose the music and activities that will do the most toward helping the patient achieve his or her goals. The referring social worker can help this process by clearly communicating each client's history.

(3) Although patients may develop their musical skills, that is not the main goal of music therapy. Any client who needs particular work on communication or on academic, emotional, and social skills, and who is not responding to traditional therapy, is an excellent candidate for music therapy.

Adapted from Oxford Practice Book

16. Which of the following best summarises the main idea of paragraph 1?
- A. locating a music therapist
 - B. a typical music therapy intervention
 - C. using music therapy
 - D. music therapy and social work
17. Which of the following best organizes the main ideas of paragraph 3?
- A. Who benefits from the music therapy.
 - B. Skills addressed by music therapy
 - C. Training for music therapists
 - D. Referring patients to music therapists.
18. Which of the following would be the most appropriate title for this passage?
- A. The Social Worker as Music Therapist and the training they need
 - B. Training for a Career in Music Therapy and its use
 - C. What Social Workers Need to Know about Music Therapy
 - D. How to Use Music to Combat Depression through Music Therapy
19. According to the information presented in the passage, music therapy can be prescribed for social work clients who
- A. need to improve social skills.
 - B. need to resolve family issues.
 - C. were orphaned as children.
 - D. need to develop coping skills.
20. Which of the following inferences can be drawn from the passage?
- A. Music therapy is only appropriate in a limited number of circumstances.
 - B. Music therapy is particularly beneficial for young children.
 - C. Music therapy is a relatively new field.
 - D. Music therapy can succeed where traditional therapies have failed.

Synonyms (21-24)

Directions: Questions 21-24 consist of sentences in which one word is written in bold followed by four other words. Choose the word that is **most nearly similar** in meaning to the word in **bold**. Then, blacken the letter of your choice on the separate answer sheet provided.

21. The spies conducted a **covert** operation, without being noticed by anyone.
- | | |
|------------|--------------|
| A. illegal | C. foreign |
| B. hidden | D. dangerous |

22. The designer window treatment in her house, installed 17 years ago, were **outmoded** and thus needs to be changed.
- | | |
|-------------|----------------|
| A. outdated | C. unimportant |
| B. outlawed | D. unnecessary |
23. She showed a **blatant** disregard for the rules.
- | | |
|---------------|------------|
| A. rebellious | C. hidden |
| B. respectful | D. obvious |
24. The interior of the hotel is so **repulsive** that everybody returns as soon as they enter it.
- | | |
|---------------|--------------|
| A. attractive | C. Repugnant |
| B. bright | D. Ugly |

Analytical and Logical Reasoning Questions (25- 32)

Directions: Questions 25-32 deal with logical and analytical reasoning. Read the given set of conditions and assumptions for each question. Choose the answer that you think is most appropriate among the given alternatives. Then **blacken** the letter of your choice on the separate answer sheet provided.

25. Yonas has a paper route. Each morning, he delivers 37 newspapers to customers in his neighbourhood. It takes Yonas 50 minutes to deliver all the papers. If Yonas is sick or has other problems, his friend Kedir, who lives in the same street, will sometimes deliver the papers for him.
- | |
|--|
| A. Kedir would like to have his own paper route. |
| B. It is dark outside when Yonas begins his deliveries. |
| C. It takes kedir more than 50 minutes to deliver the papers |
| D. Yonas and Kedir live in the same neighbourhood. |
26. Derartu is twelve years old. For three years, she has been asking her parents for a dog. Her parents have told her that they believe a dog would not be happy in an apartment, but they have given her permission to have a bird. Derartu has not yet decided what kind of bird she would like to have.
- | |
|---|
| A. Derartu and her parents would like to move. |
| B. Derartu and her parents live in an apartment. |
| C. Derartu does not like birds. |
| D. Derartu's parents like birds better than they like dogs. |

27. One of the warmest winters on record has put consumers in the mood to spend money. Spending is likely to be the strongest in thirteen years. During the month of February, sales of existing single-family homes hit an annual record rate of 4.75 million.

This paragraph best supports the statement that

- A. Warm winter weather is likely to affect the rate of home sales.
B. During the winter months, the prices of single-family homes are the lowest.
C. More people buy houses in the month of February than in any other month.
D. Consumer spending will be higher thirteen years from now than it is today.
28. Frehiwot likes to let her students choose who their partners will be; however, no pair of students may work together more than seven class periods in a row. Adem and Belay have studied together seven class periods in a row. Kiya and Africho have worked together three class periods in a row. Kiya does not want to work with Adem. Who should be assigned to work with Belay?
- A. Frehiwot
B. Africho
C. Adem
D. Kiya
29. The High School English Department needs to appoint a new chairperson, which will be based on seniority. Hawi has less seniority than Temam, but more than Bekelech. Redwan has more seniority than Hawi, but less than Temam. Temam doesn't want the job. Who will be the new English department chairperson?
- A. Bekelech
B. Redwan
C. Temam
D. Hawi
30. Nurse Nefisa has worked more night shifts in a row than Nurse Libamo, who has worked five. Nurse Lomi has worked fifteen night shifts in a row, more than Nurses 33. Nefisa and Libamo combined. Nurse Gelgalo has worked eight-night shifts in a row, less than Nurse Nefisa. How many night shifts in a row has Nurse Nefisa worked?
- A. eleven
B. ten
C. nine
D. eight

31. Critical reading is a demanding process. To read critically, you must slow down your reading and, with a pencil in hand, perform specific operations on the text. Mark up the text with your reactions, conclusions, and questions. When you read, become an active participant.

This paragraph best supports the statement that

- A. Readers should get in the habit of questioning the truth of what they read.
B. Critical reading is a slow, dull, but essential process.
C. Critical reading requires thoughtful and careful attention.
D. The best critical reading happens at critical times in a person's life.
32. Exams are to be conducted on four days from Monday till Thursday. The exams to be conducted are English, Mathematics, Physics and Biology. Neither English Physics to be conducted on Thursday. Neither Physics nor Mathematics is to be conducted on Tuesday. There are three exams conducted after Biology. Physics exam is conducted on
- A. Tuesday
B. Thursday
C. Wednesday
D. Monday

Antonyms (33 -35)

Directions: Questions 33-35 consist of sentences in which one word is written in bold followed by four other words. Choose the word that is **most nearly opposite** in meaning to the word in **bold**. Then, blacken the letter of your choice on the separate answer sheet provided.

33. The guest made **derogatory** remarks about the food he was served and by doing so he proved to be ungrateful and disrespectful.
- A. cheerful
B. complimentary
C. unnecessary
D. interesting
34. All of his brothers like milk but he has a strong **aversion** for it.
- A. hate
B. care
C. love
D. dear
35. The inhabitants of the island were **barbarians** who have never lived in the modern world.
- A. hate
B. bad
C. cruel
D. civilized

SECTION TWO: Quantitative Reasoning (Questions 36-60)

DIRECTIONS: Solve each of the problems given in questions 36-60 below and select the best answer from the given alternatives and **blacken** the letter of your choice on the separate answer sheet.

36. If the system of linear inequalities

$$ax + 2y > 6$$

$$6x - 4y > 8$$

has no solution, what is a possible value of a ?

A. -3

C. 3

B. -2

D. 2

37. Which of the following linear inequalities define the domain of the expression $\sqrt{2x - y - 4} + \ln(2x + y - 2)$?

A. $\begin{cases} y < 2x - 4 \\ y \geq -2x + 2 \end{cases}$

C. $\begin{cases} y < 2x - 4 \\ y \leq -2x + 2 \end{cases}$

B. $\begin{cases} y \leq 2x - 4 \\ y > -2x + 2 \end{cases}$

D. $\begin{cases} y \leq 2x - 4 \\ y < -2x + 2 \end{cases}$

38. At present Meron is three years younger than her brother Tamirat. If Tamirat is n years old now, what will be the sum of their ages three years from now?

A. $2n$

C. $2n + 3$

B. $2n - 3$

D. $3n + 1$

39. A large square pizza has 49 pieces (square pieces). Ali, Alemu and Abebe ate all the pieces in the ratio 4:2:1, respectively. How many pieces did Alemu eat?

A. 14 pieces

C. 18 pieces

B. 12 pieces

D. 10 Pieces

40. By selling a book for 258 birr a publisher gains 20% profit. For how much should he sell it to gain 30% profit?
- A. 379.5 birr
B. 269.5 birr
C. 369.8 birr
D. 279.5 birr
41. The Pythagorean theorem for a right angled triangle is $a^2 + b^2 = c^2$, where a and b are legs of the triangle and c is the hypotenuse. If the shorter leg is 10 cm less than the other leg and the hypotenuse is 10 cm longer than the other leg, what is the length of the hypotenuse?
- A. 60 cm
B. 50 cm
C. 40 cm
D. 30 cm
42. Abebe is scheduled to get a raise of birr 250 every 6 months during his first years on the job. If his starting salary is birr 25,250 per year, what is his annual salary at the end of 3 years?
- A. Birr 26,750
B. Birr 27,000
C. Birr 26,500
D. Birr 27,250
43. A certain car loses one-tenth of its value each year. If the car is worth Birr 28,000 today, how much will it worth 4 years from now?
- A. Birr 25, 200
B. Birr 22, 689
C. Birr 18, 370.80
D. Birr 9,629.20
44. A theater has 38 rows of seats. The first row has 17 seats, the second row has 20 seats, the third row has 23 seats, and so on. What is the seat capacity of the theater?
- A. 2765
B. 2755
C. 2627
D. 2565
45. Suppose a ball is dropped from a height of 15m and that it always rebounds to a height equal to two-third of the distance from which it falls. If we let the ball bounce "forever", what is the total distance it would travel until it comes to rest?
- A. 65m
B. 60m
C. 45m
D. 75m

46. A manufacturer produces two types of telephones. The more expensive model requires 1 hour to manufacture and 30 minutes to assemble. The less expensive model requires 45 minutes to manufacture and 15 minutes to assemble. If the company allocates 150 hours for manufacturing and 60 hours for assembly, how many of each type can be produced?
- A. 60 of the more expensive model; 90 of the less expensive model
 B. 60 of the more expensive model; 120 of the less expensive model
 C. 15 of the more expensive model; 120 of the less expensive model
 D. 15 of the more expensive model; 90 of the less expensive model
47. What are the values of A and B so that the line with equation $Ax + By = 4$ passes through the points $(1,3)$ and $(-2,4)$?
- A. $A = 2$ and $B = 6$
 B. $A = \frac{2}{5}$ and $B = \frac{6}{5}$
 C. $A = 6$ and $B = 2$
 D. $A = \frac{6}{5}$ and $B = \frac{2}{5}$

Questions 48-52 are based on the table below, which gives the percentage distribution of the population of six towns A, B, C, D, E and F on the basis of poverty line and also on the basis of sex.

Town	Percentage of population below poverty line	Proportion of Males and Females	
		Below Poverty line M:F	Above poverty line M:F
A	16	4:3	3:2
B	18	3:4	5:7
C	26	2:3	4:5
D	28	5:6	1:2
E	12.5	3:2	6:5
F	36	4:5	2:3

48. What will be the number of females below poverty line in town C if the population of town C is 5000?
- A. 785
 B. 780
 C. 875
 D. 870

54. The table below indicate the school population by gender.

	Males	Females	Total
Freshman	8	17	25
Sophomore	15	10	25
Junior	12	13	25
Senior	15	10	25
Total	50	50	100

Out of the 100 students, what is the probability of randomly selecting a student is either a female or a senior?

- A. $\frac{25}{100}$ C. $\frac{10}{100}$
B. $\frac{60}{100}$ D. $\frac{65}{100}$
55. Last year a phone model had a battery that lasted 12 hours. This year the battery lasts only for 8.16 hours. What percent of the battery life has decreased?
A. 32 C. 54
B. 47 D. 68
56. A library normally collects 47 birr in fees in a month. But in March they collected 59.22 birr. What is the percent increase in fees collected in March?
A. 79 C. 26
B. 62 D. 20.6
57. The expression $\frac{a+1}{a^2} + \frac{2a}{a+1} - 2$, for $a \neq 0$ and $a \neq -1$, is equal to:
A. $\frac{1+2a}{a^3+a^2}$ C. $\frac{1+2a-a^2}{a^3+a^2}$
B. $\frac{2-a^3}{a^3+a^2}$ D. $\frac{a^2-3}{a^3+a^2}$

58. If $f(x) = x^2 - 5x + 1$, then $f(x+2)$ is equal to:

A. $x^2 - x + 1$

B. $x^2 - x - 6$

C. $x^2 - x - 1$

D. $x^2 - x - 5$

59. Given that "7 less than the product of 5 and a number x is 213."

Quantity A	Quantity B
x	44

Which one of the following is true about the relationship between quantities A and B?

- A. Quantity B is greater than quantity A.
B. Quantity A is greater than quantity B.
C. The relationship cannot be determined.
D. The two quantities are equal.

60. Consider the following table.

Quantity A	Quantity B
$2^{12} + 2^{12} + 2^{12} + 2^{12}$	8^{12}

How are the two quantities related?

- A. Quantity B is greater than quantity A.
B. Quantity A is greater than quantity B.
C. The relationship cannot be determined.
D. The two quantities are equal.

THE END

**EDUCATIONAL ASSESSMENT AND EXAMINATIONS SERVICE
ETHIOPIAN SECONDARY SCHOOL LEAVING CERTIFICATE
EXAMINATION (ESSLCE)**

TIKIMT 2014/15 (OCTOBER 2022)

BOOKLET CODE: 240

Number of Items: 65

SUBJECT CODE: 10

Time Allowed: 3 hours

1. Let $A = \{0, 2, 4, 6, 8, 9, 10\}$ and $B = \{1, 3, 5, 7, 9\}$. Which one of the following is **true**?
- A. $B - A = B$
B. $A - B = A$
C. $B - A = \{1, 3, 5, 7\}$
D. $A - B = \{0, 2, 4, 6, 8, 10\}$
2. Consider the polynomial function $f(x) = ax^4 - b$, where a and b are real numbers. Which one of the following is **true** about f ?
- A. The graph of f opens upward for any $b > 0$.
B. The graph of f opens upward for any $a > 0$.
C. The graph of f opens downward for any $b \leq 0$.
D. The graph of f opens downward for any $a \leq 0$.
3. The solution set of the inequality $3x^2 + 35x - 12 < 0$ is
- A. $(-12, \frac{1}{3})$
B. $(-\infty, \frac{1}{3})$
C. $(-12, 1)$
D. $(-\infty, -12)$
4. A closed right circular cone has a base radius 2 cm and slant height $3\sqrt{2}$ cm. What is the total surface area of the cone?
- A. $2\pi(1+3\sqrt{2}) \text{ cm}^2$
B. $2\pi(2+3\sqrt{2}) \text{ cm}^2$
C. $6\pi\sqrt{14} \text{ cm}^2$
D. $2\pi\sqrt{14} \text{ cm}^2$

5. The lower and upper bases of the frustum of a regular pyramid are equilateral triangles of side 3 cm long and 2 cm long respectively. If its slant height is 4 cm, then what is the lateral surface area of the frustum?
- A. 30 cm^2
B. 48 cm^2
C. 72 cm^2
D. 96 cm^2
6. Which one of the following is **true** about the signum function, $f(x) = \text{sgn } x$?
- A. Its domain is the set of real numbers.
B. Its range is the set of real numbers.
C. Its domain is $\{-1, 0, 1\}$
D. Its range is $[0, \infty)$
7. Which one of the following is the equation of a circle with center $(2, -1)$ and radius 3 units?
- A. $x^2 + y^2 + 2x + 2y - 4 = 0$
B. $x^2 + y^2 - 4x + 2y - 4 = 0$
C. $x^2 + y^2 + 4x - 2y - 5 = 0$
D. $x^2 + y^2 - 4x + 2y - 5 = 0$
8. Consider the ellipse given by the equation $4(x + 1)^2 + (y - 1)^2 = 16$. Which one of the following is the standard form of equation of the ellipse?
- A. $\frac{(x+1)^2}{4^2} + \frac{(y-1)^2}{1^2} = 1$
B. $\frac{(x+1)^2}{4^2} + \frac{(y-1)^2}{4^2} = 1$
C. $\frac{(x+1)^2}{2^2} + \frac{(y-1)^2}{4^2} = 1$
D. $\frac{(x+1)^2}{2^2} + \frac{(y-1)^2}{1^2} = 1$

9. Which of the following is **true**? A hyperbola is a locus of points in the plane so that
- A. the sum of the distances from two fixed points is constant.
 - B. the difference between the distances from two fixed points is constant.
 - C. the points have the same distance from a given point and a given line.
 - D. the points have the same distance from any given two points.
10. Which of the following is the converse of, "If wages increase, then inflation decreases."?
- A. If inflation decreases, then wages increase.
 - B. If inflation decreases, then wages decrease.
 - C. If inflation increases, then wages decrease.
 - D. If inflation increases, then wages increase.
11. Let $A = \begin{pmatrix} 0 & -1 \\ 5 & 1 \end{pmatrix}$. Which one of the following is equal to $A + A^T$?
- A. $\begin{pmatrix} 0 & -4 \\ -4 & 2 \end{pmatrix}$
 - B. $\begin{pmatrix} 0 & 4 \\ 4 & 2 \end{pmatrix}$
 - C. $\begin{pmatrix} 0 & 5 \\ 5 & 1 \end{pmatrix}$
 - D. $\begin{pmatrix} 0 & -5 \\ -5 & -1 \end{pmatrix}$
12. Consider a line with equation $y = mx + b$. Which of the following is true?
- A. The line intersects the y axis, if $m \neq 0$ and $b > 0$.
 - B. The line intersects the x axis, if $m = 0$ and $b > 0$.
 - C. The line has no slope.
 - D. The line passes through the origin.

13. Which one of the following statements is **NOT** true about the graph of the given linear inequality?
- A. The graph of the linear inequality $y > 2x - 1$ contains all points of the line $y = 2x$
 - B. The graph of the linear inequality $y \leq 2x + 1$ is below the line $y = x$ on the interval $(-\infty, -1)$
 - C. The graph of the linear inequality $y > 2x + 1$ contains no points of the line $y = 2x - 3$
 - D. The graph of the linear inequality $y \leq x - 1$ is above the line $y = 2x$ on the interval $(-\infty, -1)$
14. Voter turnout in the local school board elections declined 40% from last year. This year only 3600 eligible voters went to the polls. How many people voted in last year's school board elections?
- A. 6,000
 - B. 5,500
 - C. 5,000
 - D. 4,500
15. You happened to notice that the 8% sales tax that your father paid on the new Television Set came to Birr3,800. How much did the Television Set cost him?
- A. Birr 47,500
 - B. Birr 45,800
 - C. Birr 35,400
 - D. Birr 30,600
16. What is the simplified form of $\frac{\sqrt[3]{32}}{16^{\frac{2}{3}}}$?
- A. 2
 - B. $\frac{1}{2}$
 - C. 8
 - D. $\frac{1}{8}$

17. Which one of the following numbers is equal to $\frac{\sqrt{3}+\sqrt{2}}{\sqrt{3}-\sqrt{2}}$?
- A. $6+2\sqrt{2}$ C. $1+2\sqrt{3}$
B. $5+2\sqrt{6}$ D. $3-2\sqrt{3}$
18. What is the solution set of the equation $6 - 4x - 2x^2 = 0$?
- A. $\{-6, 2\}$ C. $\{-3, 1\}$
B. $\{-2, 6\}$ D. $\{-1, 3\}$
19. Let $f(x) = x^2 - x$ and $g(x) = x + 1$. Which one of the following statements is true?
- A. $(f + g)(-2) = 3$ C. $(f \cdot g)(-2) = -5$
B. $(f - g)(-2) = 5$ D. $\left(\frac{f}{g}\right)(-2) = -6$
20. What is the area of an equilateral triangle inscribed in a circle of radius 4 units?
- A. $6\sqrt{3}$ sq. units C. 12 sq. units
B. $12\sqrt{3}$ sq. units D. 36 sq. units

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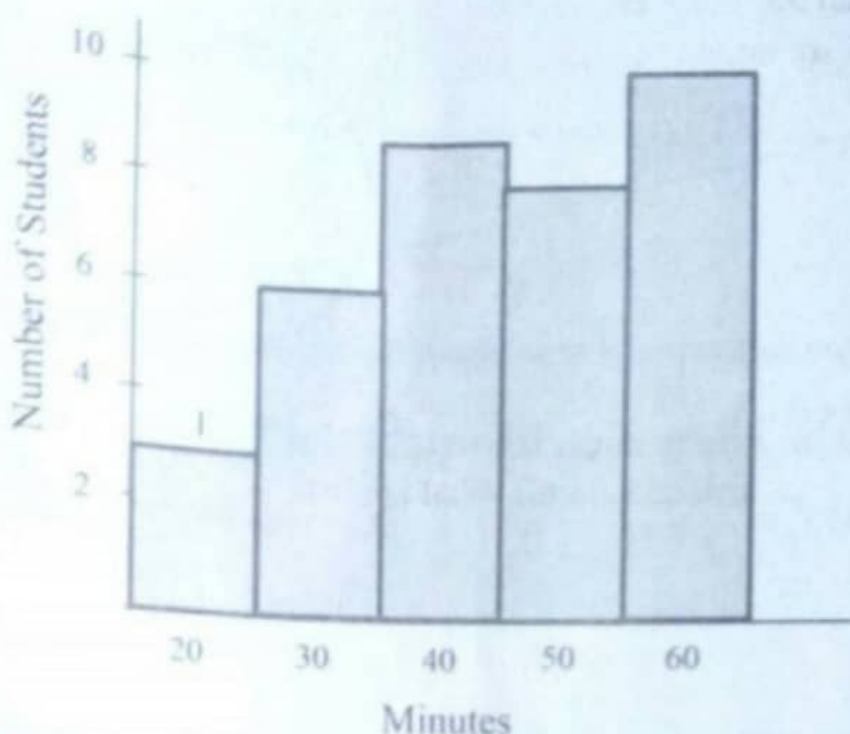
21. Consider $\triangle ABC$ with right angle at C and $m(\angle ABC) = 55^\circ$. If the length of $\overline{AC}$ is 10 units, then what is the area of the triangle?
(Given $\tan 35^\circ = 0.7$ and $\tan 55^\circ = 1.43$)
- A. 35 sq. units
B. 70 sq. units
C. $5\sqrt{149}$ sq. units
D. $10\sqrt{149}$ sq. units
22. The base of a right prism is a rectangle with sides 3 cm and 4 cm and the altitude of the prism is 5 cm. What is the total surface area of the prism?
- A. 70 cm^2
B. 82 cm^2
C. 94 cm^2
D. 102 cm^2

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23. Let $\vec{u}$ be a vector of length $3\sqrt{3}$ cm directed to the East and $\vec{v}$ be a vector of length 3 cm directed to the north. Then $\vec{u} + \vec{v}$ is equals to a vector of length:
- A. 3 cm in the direction East 60° North.
B. 3 cm in the direction East 30° North.
C. 6 cm in the direction East 60° North.
D. 6 cm in the direction East 30° North.

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24. Below is a histogram showing the time taken to complete a test.



Based on the above histogram, which of the following is **true**?

- A. 30% of the students completed the test with less than 40 minutes.
 - B. 25% of the students completed the test with more than 50 minutes.
 - C. 50% of the students completed the test with less than 50 minutes.
 - D. 40% students completed the test with more than 40 minutes.
25. Consider the graphs of the functions $y = a^x$ and $y = \log_a x$ for $a > 0$ and $a \neq 1$. Which of the following is **true** about the functions?
- A. The graph of $y = a^x$ is a reflection of the graph of $y = \log_a x$ about the origin.
 - B. The graph of $y = a^x$ is a reflection of the graph of $y = \log_a x$ along $y = -x$.
 - C. For $a > 1$, the graphs of both $y = a^x$ and $y = \log_a x$ are increasing on $(0, \infty)$.
 - D. For $0 < a < 1$, the y-axis is an asymptote of to the graphs of $y = a^x$ and $y = \log_a x$.

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26. What is the solution set of the equation $3^{x-x^2} = \frac{1}{9}$?
- A. $\{0, 1\}$
B. $\{-1, 0\}$
C. $\{1, -2\}$
D. $\{-1, 2\}$
27. Which of the following is **true** about the trigonometric values of 855° ?
- A. $\cos 855^\circ = -\frac{\sqrt{2}}{2}$
B. $\sin 855^\circ = \frac{\sqrt{3}}{2}$
C. $\tan 855^\circ = 1$
D. $\cot 855^\circ = -\sqrt{2}$
28. Which one of the following is **true** about the function $y = \sin x$?
- A. Its domain is $[-1, 1]$
B. Its period is π
C. Its range is $[-1, 1]$
D. Its domain is $(0, \infty)$
29. Let $f(x) = \frac{3x+1}{x+2}$. Which one of the following is the inverse of f ?
- A. $f^{-1}(x) = \frac{2x-1}{x-3}$
B. $f^{-1}(x) = \frac{-2x+1}{x-3}$
C. $f^{-1}(x) = \frac{x-2}{-3x-1}$
D. $f^{-1}(x) = \frac{x+2}{3x+1}$

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33. Consider the grouped frequency table for students' weight in a certain school.

Weight (kg)	Frequency
31 - 35	3
36 - 40	5
41 - 45	6
46 - 50	7
51 - 55	4

What is the mean weight of the students?

- A. 41.5 kg
 B. 43 kg
 C. 43.8 kg
 D. 45.5 kg

34. A bag contains 2 red, 3 white and 1 black balls. We draw two balls one after the other without replacement. What is the probability that the first ball is red and the second ball is black?

- A. $\frac{1}{10}$
 B. $\frac{1}{12}$
 C. $\frac{1}{15}$
 D. $\frac{1}{18}$

35. Let $A = \begin{pmatrix} a_1 & b_1 & c_1 \\ a_2 & b_2 & c_2 \\ a_3 & b_3 & c_3 \end{pmatrix}$ and $\det(A) = 3$. Which one of the following is **NOT** true?

A. $\begin{vmatrix} a_1 & b_1 & c_1 \\ a_3 & b_3 & c_3 \\ a_2 & b_2 & c_2 \end{vmatrix} = -3$

B. $\begin{vmatrix} 2a_1 & 2b_1 & 2c_1 \\ a_2 & b_2 & c_2 \\ a_3 & b_3 & c_3 \end{vmatrix} = 6$

C. $\begin{vmatrix} -a_1 & b_1 & -c_1 \\ -a_2 & b_2 & -c_2 \\ -a_3 & b_3 & -c_3 \end{vmatrix} = 3$

D. $\begin{vmatrix} a_1 & b_1 & b_1 \\ a_2 & b_2 & b_2 \\ a_3 & b_3 & b_3 \end{vmatrix} = -3$

36. Let $z_1 = 2 - 3i$ and $z_2 = 5 + 7i$. Which one of the following is equal to $\frac{z_1}{z_2}$?
- A. $-\frac{14}{46} + \frac{20}{46}i$ C. $-\frac{11}{74} - \frac{29}{74}i$
B. $-\frac{11}{46} + \frac{10}{46}i$ D. $\frac{31}{74} - \frac{29}{74}i$
37. Which of the following is **NOT** true?
- A. There is no single rule for determining the size of a sample.
B. Random sampling requires time to plan and implement.
C. Random sampling is free from personal bias of the investigator.
D. Any person can implement random sampling from a given population.
38. Consider the following data: 6, 6, 7, 7, 7, 8, 8. Then which of the following is true?
- A. The mean deviation from the mode is $\frac{4}{7}$.
B. The mean deviation from the median is $\frac{7}{4}$.
C. The mean deviation from the mean is $\frac{7}{4}$.
D. The mean deviation from the mean is $\frac{3}{2}$.

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39. Consider two firms with the given mean income and standard deviations.

Firm	Mean income (in Birr)	Standard deviation (in Birr)
Firm I	1,500,000	300
Firm II	1,500,000	350

Which of the following is true?

- A. The data set in Firm I have greater variability than Firm II.
 B. The data set in Firm I have less variability than Firm II.
 C. The two data sets have the same consistency.
 D. We cannot compare the two data sets.
40. One special perfume costs a cosmetic shop Birr 2,100. If the shop desires a 25% markup rate based on the selling price, then which one of the following should be set as a selling price for this perfume?
 A. Birr 2,800
 B. Birr 2,600
 C. Birr 2,400
 D. Birr 2,300
41. A couple own a house that values Birr 2,000,000. The house added Birr 10,000 in the first year, Birr 10,400 in the second year, Birr 10,800 in the third year and so on. What is the value of the house at the end of 6 years?
 A. Birr 2,012,000
 B. Birr 2,054,000
 C. Birr 2,060,000
 D. Birr 2,064,000
42. Let f be a function defined on an open interval about a real number a , except possibly at a itself. Which one of the following is necessary for $\lim_{x \rightarrow a} f(x)$ to exist?
 A. $\lim_{x \rightarrow a^+} f(x) = \lim_{x \rightarrow a^-} f(x)$
 B. $\lim_{x \rightarrow a^+} f(x) = f(a)$
 C. $\lim_{x \rightarrow a^+} f(x)$ exists
 D. $\lim_{x \rightarrow a^-} f(x)$ exists

43. Let f be a function that is continuous at x_0 . Which of the following is **true** about f ?
- A. x_0 does not belong to the domain of f
- B. $\lim_{x \rightarrow x_0} f(x)$ does not exist
- C. $\lim_{x \rightarrow x_0^+} f(x) \neq \lim_{x \rightarrow x_0^-} f(x)$
- ☒ D. $\lim_{x \rightarrow x_0} f(x) = f(x_0)$
44. Let $f(x) = 2\sqrt{x+1}$. Which one of the following indicates the interval and its derivative of f respectively?
- ☒ A. $[0, \infty), (x+1)^{\frac{3}{2}}$
- C. $(-1, \infty), \frac{1}{\sqrt{x+1}}$
- B. $[-1, \infty), \frac{1}{\sqrt{x+1}}$
- D. $(-\infty, -1), (x+1)^{-\frac{3}{2}}$
45. Let $f(x) = x^2 + \sqrt{x}$ and $g(x) = e^{2x}$. Which of the following is **true**?
- A. $(f+g)'(x) = 2x + \frac{1}{2\sqrt{x}} + 2e^{2x}$
- C. $(f+g)'(x) = 2x - \frac{1}{2}\sqrt{x} - 2e^{2x}$
- ☒ B. $(f+g)'(x) = 2x + \frac{1}{2}\sqrt{x} + 2e^{2x}$
- D. $(f-g)'(x) = 2x - \frac{1}{2\sqrt{x}} - 2e^{2x}$
46. What is the equation of the tangent line to the graph of the function $f(x) = e^x$ at $(1, e)$?
- A. $y = x + \frac{1}{e}$
- ☒ C. $y = ex + e$
- B. $y = \frac{1}{e}x + \frac{1}{e}$
- D. $y = ex$

47. Water is flowing into a cylindrical water tank of radius 2m and height 10m at a rate of $5\text{ m}^3/\text{min}$. What is the rate of the change of the height when the water level is 6m?
- A. $\frac{5}{4\pi} \text{ m/min}$ C. 2 m/min
B. $\frac{5\pi}{4} \text{ m/min}$ D. $2\pi \text{ m/min}$
48. Which one of the following is equal to $\int (e^{2x} + \cos x) dx$?
- A. $\frac{1}{2} e^{2x} + \sin x + c$ C. $e^{2x} + \cos x + c$
B. $\frac{1}{2} e^{2x} - \sin x + c$ D. $e^{2x} + \sin x + c$
49. Let f be continuous on $[a, b]$ and $F'(x) = f(x)$ for all $x \in [a, b]$. Which of the following is **true**?
- A. $\int_a^b f(x) dx = f(b) - f(a)$ C. $\int_a^b f(x) dx = F(a) - F(b)$
B. $\int_a^b f(x) dx = f(a) - f(b)$ D. $\int_a^b f(x) dx = F(b) - F(a)$
50. Which one of the following is equal to $\int_1^3 2x\sqrt{x^3+1} dx$?
- A. $\frac{4(10\sqrt{10}-2\sqrt{2})}{3}$ C. $\frac{2(5\sqrt{10}+2\sqrt{2})}{3}$
B. $\frac{2(5\sqrt{10}-\sqrt{2})}{3}$ D. $\frac{4(5\sqrt{10}-\sqrt{2})}{3}$

51. A line makes an angle of 145° with the positive x-axis. What is the slope of the line? (Given $\tan 35^\circ = 0.7$)

A. $\frac{10}{7}$

C. 0.7

B. $-\frac{10}{7}$

D. -0.7

52. What is the solution set of $\frac{2}{x-1} + \frac{4}{x} = \frac{6}{x-2}$?

A. $\left\{\frac{4}{11}\right\}$

C. $\left\{\frac{4}{5}\right\}$

B. $\left\{\frac{11}{4}\right\}$

D. $\left\{\frac{5}{4}\right\}$

53. Let $l_1: y = \frac{1}{3}x + 1$ and $l_2: y = 2x - 1$ be two lines. What is the angle between l_1 and l_2 measured from l_1 to l_2 counterclockwise?

A. $\frac{\pi}{4}$

C. $\frac{3\pi}{4}$

B. $\frac{\pi}{2}$

D. $\frac{3\pi}{2}$

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54. Let p: 2 is a prime number and
q: 3 is an odd number.

Then the contrapositive and its truth value of the statement $p \Rightarrow q$ are respectively

A. $\neg q \Rightarrow \neg p$ and True

C. $\neg p \Rightarrow q$ and True

B. $\neg q \Rightarrow \neg p$ and False

D. $q \Rightarrow \neg p$ and False

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55. The following table shows the test scores of 20 students in a class.

Test Scores	Frequency
0 - 2	3
3 - 5	5
6 - 8	5
9 - 11	3
12 - 14	4

What is the variance of the given data?

- A. 16.2
 B. 17.2
 C. 18.45
 D. 19.45

56. What is the solution of the system of linear equations $\begin{cases} 2x + 7y = -5 \\ 5x + 11y = 2 \end{cases}$?

- A. $x = -\frac{5}{3}$ and $y = \frac{25}{21}$
 B. $x = \frac{5}{3}$ and $y = -\frac{25}{21}$
 C. $x = \frac{69}{13}$ and $y = -\frac{29}{13}$
 D. $x = -\frac{69}{13}$ and $y = \frac{29}{13}$

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57. What is the simplified form of $\frac{(2+i)(3-4i)}{(2-2i)(1+i)}$?

- A. $\frac{7}{8} - \frac{3}{8}i$
 B. $\frac{5}{2} - \frac{5}{2}i$
 C. $\frac{5}{2} + \frac{5}{4}i$
 D. $\frac{5}{2} - \frac{5}{4}i$

58. Consider the sequence $\{a_n\}_{n=1}^{\infty}$, where $a_n = 1 + \frac{(-1)^n}{n}$ for $n \geq 1$. Which one of the following is true?

A. $a_{10} = \frac{11}{10}$

B. $a_{11} = \frac{12}{11}$

C. $a_n \leq a_{n+1}$ for all n

D. $a_n \geq a_{n+1}$ for all n

59. Consider the sequence $\left\{1 + \frac{1}{n}\right\}_{n=1}^{\infty}$. Which one of the following is true about the sequence?

A. 2 is its lower bound

B. $\frac{3}{2}$ is its lower bound

C. 4 is its upper bound.

D. $\frac{6}{5}$ is its upper bound

60. Which one of the following is equal to $\lim_{x \rightarrow 0} \frac{x}{1 - \sqrt{x+1}}$?

A. 0

B. -2

C. -1

D. $-\frac{1}{2}$

61. Let $f(x) = e^{-2x}$. Which one of the following is true about f ?

A. $f^{(n)}(0) = \left(-\frac{1}{2}\right)^n$

B. $f^{(n)}(0) = \left(-\frac{1}{2e}\right)^n$

C. $f^{(n)}(x) = (-2)^n e^{-2x}$

D. $f^{(n)}(x) = 2^n e^{-2x}$

- THE END*

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ከ7-12 ላላችሁ ተማሪዎች

እንደሚታወቀው ከ2015 ዓ.ም ጀምሮ የዩኒቨርሲቲ መግቢያ ፈተና ከ9ኛ-12ኛ ክፍል ያለውን የሚያጠቃልል ነው። ይህም ተማሪዎች ላይ ጫና መፍጠሩ የማይቀር ነው። እኛም ከ2015 ዓ.ም የት/ት ዘመን ጀምሮ በነፃ Mathematics ትምህርትን ከ9ኛ-12ኛ ክፍል ላላችሁ ተማሪዎች Example & Exercise Solution ጨምሮ ቀለል ባለ እና በሚገባችሁ መንገድ ለየት ያሉ YouTube video እያዘጋጀን የምናግዛችሁ መሆኑን ስናሳውቃችሁ በታላቅ እክብሮት ነው።

ከእናንተ የሚጠበቀው በትኩረት መከታተል ብቻ ነው።

☀ Computation የበዛበት ጊዜ ላይ ስላለን ታሪክ ለመቀየር ለሰኬት ዛሬ ጀምራችሁ ተነሱ

☀ በትኩረት የምትከተሉን ያለምንም ጥርጥር 100% ብቁ ትሆናላችሁ

📖 ጉዞ ወደ ሰኬት 📖

Join እድርጉ ታተርፋላችሁ

Mathematics ይከብዳል ማለት እና እስጠኒ መፈለግ ቀረ

Thank You

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