

GUIDE

Regarding Entrance
Examination and
Interview of SPHMMC

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II. INTERVIEW

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Written Exam

- ✓ It was 70 questions
- ✓ Don't forget to bring your Admission Card. And also bring an ID card if you have one. Bring any ID card that shows your identity (school ID or your residency ID).
- ✓ The time allocated for the test was sufficient and comfortable to work with for the majority.
- ✓ But careful not to get carried away with the Math section and waste too much time on it and end up not having enough time for the rest (like the situational judgment part which might need more focus as it is a new topic).

The questions consist of

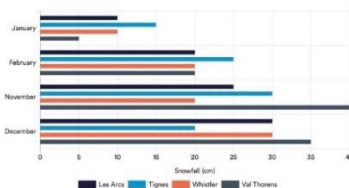
- SAT type Maths questions
- SAT type English questions
- 2 or 3 Physics questions
- IQ questions
- Situational judgment questions

Some important questions and question types

SAT Math Type Questions

- Basic maths question
- Questions that require you to think outside of the box
- Word Problems
- Numerical reasoning questions like the one below

Sample numerical reasoning test question



What was the percentage increase in snowfall in Whistler from November to December?

1. 30%
2. 40%
3. 50%
4. 60%

Answer: 3) 50%

Solution:

1. Identify how much snow fell in Whistler in November and December (Nov = 20cm & Dec = 30cm)
2. Calculate the difference between the two months: $30 - 20 = 10$
3. Divide the difference by November (original figure) and multiply by 100: $10/20 \times 100 = 50\%$

Example questions from our test

- A mixture of water and syrup contains $\frac{5}{11}$ water and $\frac{6}{11}$ syrup. If a fraction of the mixture was to be drawn out and replaced with water so that the amount of water and syrup become equal, what fraction should that amount be?
- A person “A” can finish a job in 20 days, another person “B” can finish the same job in 30 days, and still another person “C” can finish the job in a duration of 60 days. In how many days can person “A” finish if B and C were to assist him every third day of the week?

*See SAT questions that we’ll send

NB:

- ✓ Practice the questions
- ✓ Don’t expect to find exactly these type of question on your test but they’re a good practice
- ✓ Try to get familiar with the concepts behind the questions

SAT English Type Questions

- These are similar to the SAT English questions on Matrick. Our exam featured passage excerpts and anecdotes, with questions relating to comprehension of those writing pieces. The different question types present were: syllogism (parallel relations), synonyms and antonyms, passage comprehension and analysis.

*See files we’ll send, practice them as well.

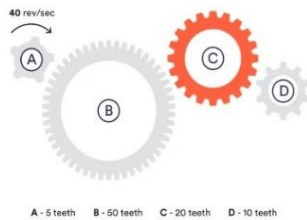
Examples from our test include:

- ❖ As reading is to an author
 - A. Sculpture is to a sculptor
 - B. Eating is to a chef
 - C. Wood is to a carpenter
 - D. Baking is to a baker
- ❖ Although dreams are----- by themselves, in conjunction with data and figures, they can be ----- about the dreamer.
 - A. Puzzling/clandestine
 - B. Overt/expository
 - C. Informing/definitive
 - D. Enigmatic/revealing

Physics Questions

- Don't stress out on the details, just know the main concepts you've learned so far
- You can answer these questions from your previous physics knowledge
- Simple mechanical reasoning type questions

Sample mechanical reasoning test question



How many revolutions per second is C turning?

1. 5
2. 10
3. 20
4. 40

Answer: 10

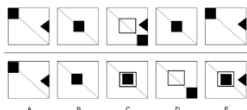
Solution: If cog A with 5 teeth can do a full revolution a second, then cog C with 20 teeth will take 4 times as long to do a full revolution. So to find the answer you need to divide 40 by 4.

IQ Questions

These questions are similar with IQ tests we normally find on the internet. Check [this](#) out as an example.

Includes abstract reasoning questions: use the links below to see example questions.

Sample logical reasoning test question



Which of the boxes comes next in the sequence?

Sample logical reasoning test question

Answer: C

Solution: Squares move from the top left to the middle, then to the bottom right corner with each turn. Unshaded squares appear in every third turn. Triangle appears with every alternate turn.

Therefore, the black square and unshaded square should both be in the middle, with no triangle.

- <https://www.apptitude-test.com/abstract-reasoning.html>
- <https://www.apptitude-test.com/free-apptitude-test/mixed-apptitude-test/>
- <https://www.practiceapptitudetests.com/abstract-reasoning-test-questions-answers/>
- <https://www.intelligencetest.com/questions/pattern-recognition/medium/index.html>
- <https://www.intelligencetest.com/questions/pattern-recognition/difficult/index.html>

- Analysis of water ripples in a changing pattern, the movement of the minute and hour hands, the rotation of particular angles, or other complicated structures are examples of what you might encounter. The most important thing here is to think critically and find out how the pattern progresses and to visualize how you imagine it will unfold in your head and answer accordingly.

✚ **The exam contains 51 questions of the types listed above.**

Situational Judgment Questions

Situational judgement tests (SJTs) are tests used to assess individuals' reactions to a number of hypothetical role-relevant scenarios, which reflect situations candidates are likely to encounter in the target role. Our situational judgment part is divided into two sections. The first section challenges the reader to choose the best course of action for a specific scenario from a list of options.

Examples:

1. Suppose you are a nurse taking care of new born babies. You notice that one mother has left the institution leaving her baby behind in neo natal care unit. What would be the most appropriate thing to do in this case?
 - A. Wait a couple of minutes because the mother may have went out to get something for the baby.
 - B. Take guardianship over the baby because no one else is around.
 - C. Call adoptive services to find a legal guardian for the baby.
 - D. Instantly call a senior professional and the authorities to follow up with the case.
2. Suppose you are an F1 doctor running your usual shift. You check-up a patient in one of the rooms and after assessing his situation, you prescribe some drugs that would best fit his condition. The patient explains that he is unable to pay for the drug and there are no close relatives around. What would you do in this situation?
 - A. Cover all the costs of the drugs by yourself and buy the drug for him.
 - B. Inform social service and prescribe the cheapest possible equivalents of the drugs.
 - C. Inform the patient that economic capability is a prerequisite for service and tell him to come up with the money in any way possible.
 - D. Tell someone else to take the shift and the patient's case.

The second section contained scenarios and possible responses that must be rated as effective or ineffective. In contrast to the previous section, this section merely asks the reader to evaluate a specific action for a specific scenario as effective or ineffective. Example:

3. Suppose you are a doctor and while scrolling through your personal social media account, you notice that a colleague has posted complaining about a certain patient of his, disclosing all the personal information of the patient which is a breach of confidentiality. Analyse the following actions:

Personally speaking to the colleague and letting him know that this behaviour is unacceptable and not in line with medical etiquette.

- A. Effective
- B. Ineffective

Reporting the colleague to higher senior medical officials and concerned authorities

- A. Effective
- B. Ineffective

Scrolling thoroughly in the colleague’s account to check for previous posts.

- A. Effective
- B. Ineffective

Completely avoiding seeing the colleague’s posts in the future and blocking his account.

- A. Effective
- B. Ineffective

*See the files we’ll send for more questions

NB:

- ✓ Read about medical ethics and look at some instances or cases that illustrate each one. There are also YouTube videos that might help. We’ll send some we used.
- ✓ When answering questions, attempt to tie in the medical ethics principles you've learned.
- ✓ Don’t expect to see exactly the same questions.

1. At the end of your shift you ordered a blood test and CT* scan for one of your patients, Mrs Tao, who was complaining of feeling faint and confused following surgery. The investigation results need to be reviewed tonight otherwise Mrs Tao's treatment may be delayed. You have just arrived home and realise you forgot to hand over the need to review the investigation results to the FY1 doctor taking over your shift. You have been unable to contact the FY1 taking over directly.

Rank in order the following actions in response to this situation (1= Most appropriate; 5= Least appropriate)

- A. Telephone the ward nursing staff and ask them to get the FY1 taking over your shift to look up the investigation results
- B. Contact the on-call specialty trainee (registrar)* and explain the situation
- C. Go back to the hospital and look up the investigation results yourself
- D. Contact an FY1 colleague working on another ward to ask her to look up the investigation results for you
- E. Review the investigation results first thing in the morning when your shift starts

✓ In our exam (your immediate seniors) we weren’t asked to rank the choices. We just chose the best answer. By ranking we mean BADCE for the following question for example.

However, you should practice these type of questions since they will help you understand medical ethics and how to apply them to make certain decisions in the medical realm.

Interview

General tips and facts regarding interview day

- Boys try to wear a suit and girls either a suit trouser or skirt if you can. Just wear elegant/formal and appropriate clothes for the interview.
- Guys take care of your hair styles. Try to get an appropriate haircut.
- Girls don't colour your nails (to be safe). Just keep your nails short and clean (for boys too).
- There will be 3 interviewers in both interview classes. (Two professional doctors and one intern/student).
- Your interview venue and specific time will be posted (where depends on your Roll Number. In our case first we were all waiting around the gate of the dormitory. From there half of us were told to go the Administration Building and the rest around the registrar office where we found the posted papers. Supervisors guided us from there).
- There will be two sessions: one in the morning and one in the afternoon.
- If you're scheduled for the afternoon session, you'll need to stay close to the campus.
- During the interview, if you're asked a question you don't know the answer to or are unsure about, it's better to admit it and say so, then go on with the next question.
- Whatever the attitude of the interviewers or the atmosphere of the interview, be confident and wear a big smile on your face.
- There are A and B interview spots.
- "A" spot is basically where you'll mostly be asked personal questions and some general knowledge questions (like average life expectancy in Ethiopia, health care policies etc).
- After you finish your interview in venue "A", you will be given a random paper with a case written on it.
- You will read the case and prepare yourself for some time (max 10 or 15 min probably but you can take less). They'll tell you the exact time you're allowed to think.
- Then you will have your last interview in venue B.
- "B" spot or the second venue is where you'll be asked questions based on the case you chose randomly and some questions related with your reason for choosing the field of medicine and St. Paul (why medicine, what specialization you're interested in etc).
- Then after you finish your interview, you can go home and wait for your result to be announced on the St. Paul website.

Interview Questions 2011 entrance exam takers were asked

1. Are you a genius?
2. Why do you want to be a doctor?
3. What are some of the ways to control the spread of malaria?
4. Are you ready to be deployed to remote areas?

5. If you've ever been outside of Addis, what health issues have you observed?
6. What is health?
7. What is kwashiorkor and marasmus?
8. List some prevention methods for TB.
9. Why St. Paul over other medical schools?
10. Assume a child was abused by her uncle? What will be your approach? (case)
11. Tell us about yourself.
12. Pick one harmful practice in your society and talk about it?
13. What do you think about team work?
14. How well do you perform in a group setting/work?
15. Do you think you have a leadership quality? Explain.
16. How would you proceed if you encounter someone with acute watery diarrhoea?
17. List some diseases that can be prevented by vaccination.
18. What is BCG vaccine? When is it given? Its content?

Interview Questions 2013 entrance exam takers were asked

1. What led you to choose the field of medicine? What is your motivation?
2. Why did you choose St. Paul for your education? Why not other universities and colleges that are also good (like Gonder and AAU)?
3. How do you feel about the salary of doctors being low?
4. Are you willing to work with a low salary? Why not other fields that will get you a higher salary?
5. How would you feel if the integrated curriculum of St. Paul was a lie or at least not as good as you expected?
6. What are your thoughts on the stereotypes about medical school that you may have heard from your friends (that it is rigorous, exhausting, etc.)?
7. What field do you want to specialize in? Why?
8. What is the life expectancy in Ethiopia?
9. What are the major causes for infant mortality?
10. What are the most important qualities of a doctor?
11. List the hierarchy of Ethiopia's health care system?
12. What are your hobbies, how do you spend your extra time, any extracurricular activities?
13. If not medicine what then? What is your back up plan?
14. Tell us about a recent event that deeply affected your life.
15. When was the last time you got stressed?
16. How do you deal with stress?
17. What would you do if you fail a test or a module? Are you willing to repeat the course?
18. What are the common diseases around your area or any other place you have been to before?

19. What are your strengths and weaknesses?
20. How are you planning to address your weaknesses?
21. What is the doctor to patient ratio in the world and in Ethiopia?
22. List at least 5 methods of prevention for malaria.
23. List at least 5 methods of prevention for TB.
24. List 5 goals set by Ethiopian health institution policy.
25. What makes you different?
26. What is the most common type of substance abuse in Ethiopia?
27. Are you willing to be deployed to remote areas?
28. Where did you learn? And tell us about your academic achievements.
29. What are the most common deadly diseases in Ethiopia?
30. Raise one disease and talk about it. (If they give you the disease themselves, it will most likely be malaria, TB, cholera, HIV or COVID. Otherwise you'll raise one of your own choosing.)
31. What is the BCG vaccine? (TB vaccine, they need an explanation)
32. What do you think about team work?
33. Do you think you have leadership qualities? Explain.
34. List some diseases that are transmitted by viruses. What is the connection between these diseases and blood contact?

Cases

- How would you respond if one of your teachers is always late to class and sometimes doesn't come at all? Do you directly go to the authorities or do you talk to the teacher? Why?
- What would you do if you're an intern and you are asked to perform a simple operations, but you are not sure of your abilities to perform what has been asked of you? If you told the instructor that you are unable then the consequence can be as big as repeating the year. What will you do? (they stressed on simplicity of the task)
- If your friend who is a 4th year medical student tells you that he is going to drop out and won't tell you why, what would you do?
- Suppose your friend is being ignorant to patient's requests in the workplace and uses social media all day. This made your shift very tough as patients assigned to him are coming to you for support. You have already tried asking him politely to quit this behaviour and tend to the patients' needs but he has proven to be obstinate. What would you do?
- You are a medical doctor and one of your neighbour's daughter is sick. Her mother is not willing to take her to a hospital. You know that if the child is not hospitalized, she will die because the disease is fatal. What would you do as a medical professional?
- If someone is severely injured with a cut, what would you do? (they need explanation on first aid)

- There are two patients. One of them is your friend's relative. Who would you give treatment first? (here try to answer it objectively. 1st see their level of injury , 2nd see their age, 3rd see who is better able to survive. You can also give another reasons but make sure they know you won't let family matters interfere in your job as a doctor.)
- If someone gets injured from a car accident and a foreign substance, like a metal, is stuck in his body, then how would you handle this case? (You are a doctor in this scenario).
- There is a child who is severely sick and needs surgery but his father refused to sign the consent for the operation. You know that if the child doesn't get the surgery as soon as possible, he would probably die. What would you do?
- Someone is seriously injured and is bleeding out. You don't have any glove or medical equipment. What would you do?

This is not a comprehensive guide in any way. We prepared it in an effort to point you to the right direction based on our experience and others before us but keep in mind that some things may change in your case. Read this and expand on it accordingly. If there's anything that needs clarification contact us @KalkidanG or @Fasica_M on telegram. We'd like to thank everyone who has helped us in creating this content. And we'd like to give a special thanks to Eskinder Alemayehu for taking the time to send us detailed and valuable information!

Best of Luck!