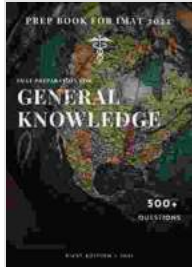


Comprehensive Guide to IMAT Preparation for General Knowledge



IMAT Preparation for General Knowledge by Ray Walker

★★★★★ 5 out of 5

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Lending	: Enabled
Screen Reader	: Supported



The International Medical Admissions Test (IMAT) is a standardized exam required for admission to medical schools in several European countries. The General Knowledge (GK) section of the IMAT evaluates candidates' broad understanding of scientific concepts, current events, and cultural topics.

Preparing thoroughly for the GK section is crucial for success. This guide provides a comprehensive overview of the syllabus, study strategies, practice tips, and sample questions to help you excel.

IMAT General Knowledge Syllabus

- **Biology:** Basic concepts, cellular structure and function, genetics, evolution
- **Chemistry:** Periodic table, chemical reactions, organic chemistry

- **Physics:** Mechanics, electricity, optics, waves
- **Mathematics:** Algebra, geometry, statistics
- **History:** Major historical events, key figures, cultural movements
- **Literature:** Literary genres, famous authors, major works
- **Art:** Art history, famous artists, different art forms
- **Philosophy:** Key philosophers, major philosophical concepts
- **General Knowledge:** Current events, scientific discoveries, cultural trends

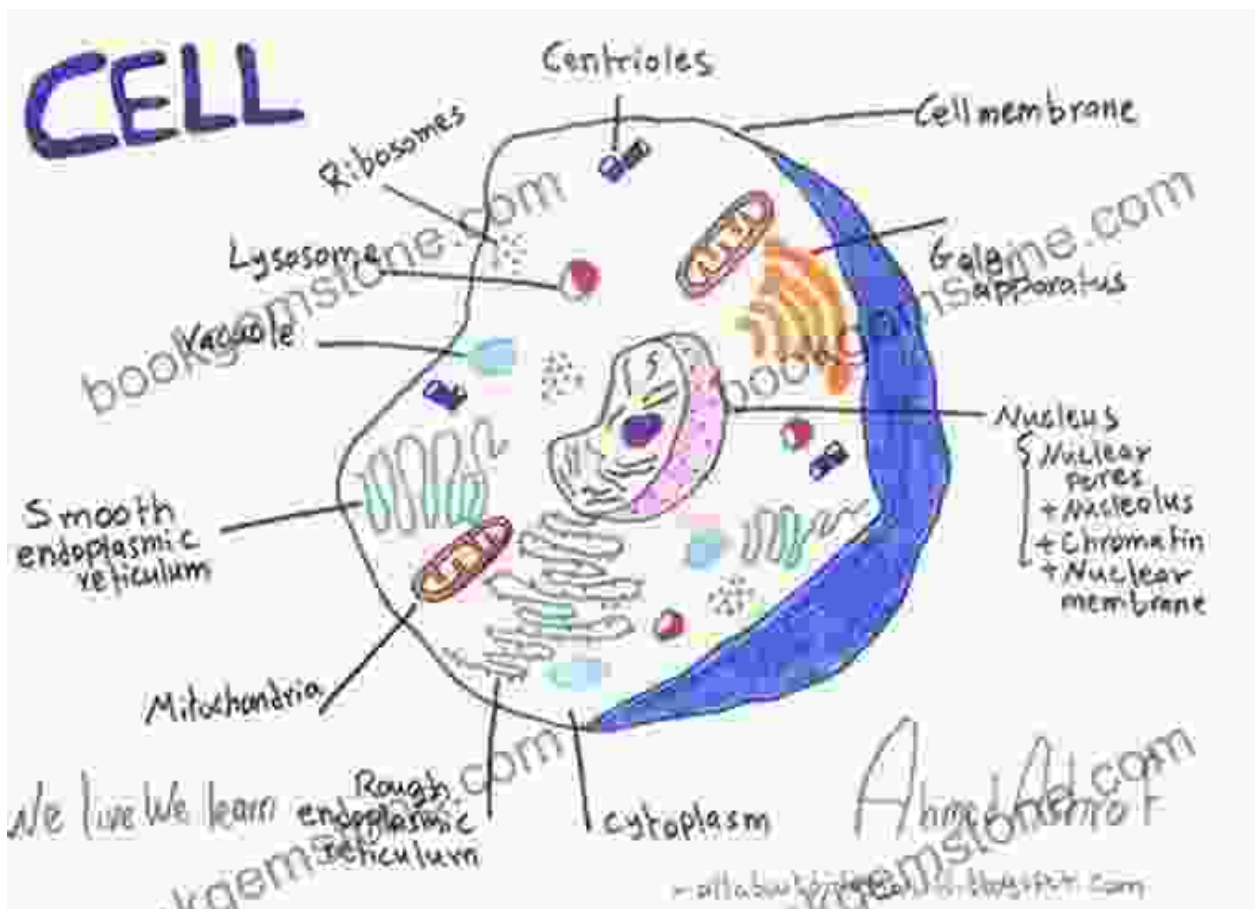
Effective Study Strategies

- **Start Early:** Begin preparation several months before the exam to allow ample time for studying.
- **Set a Study Schedule:** Dedicate specific time slots for GK preparation each day.
- **Use Multiple Resources:** Refer to textbooks, online resources, videos, and past papers.
- **Focus on Key Concepts:** Identify the main topics covered in the syllabus and prioritize them.
- **Practice Regularly:** Solve practice questions and timed mock tests to improve your time management and question-solving skills.
- **Review Regularly:** Revise studied material at intervals to enhance memory and understanding.
- **Stay Updated:** Keep up with current events and scientific advancements through news and reputable sources.

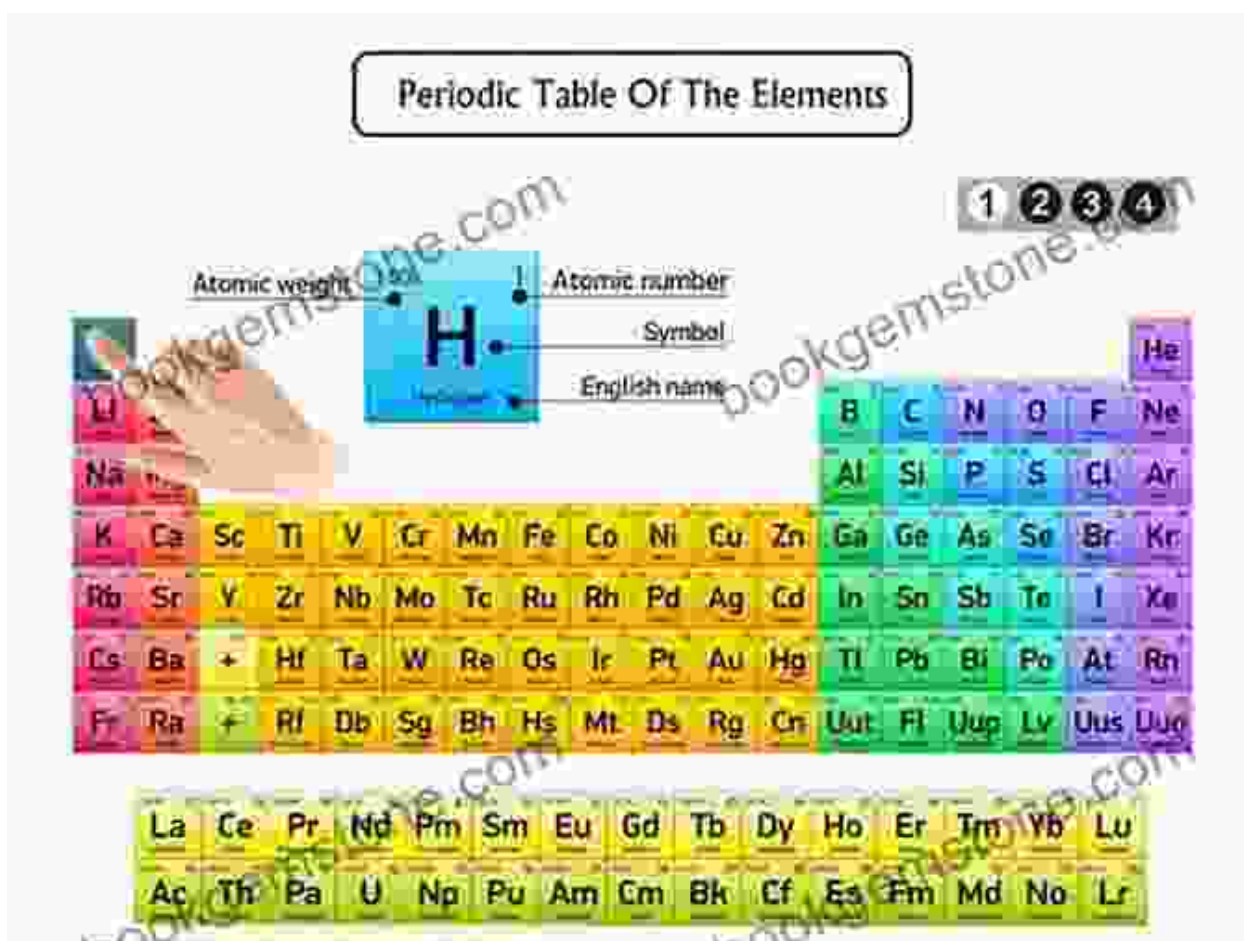
Practice Tips

- **Time Management:** Allocate time wisely based on the number of questions and difficulty level.
- **Question Analysis:** Read questions carefully and identify key concepts before answering.
- **Elimination Strategy:** Rule out incorrect options to narrow down your choices.
- **Guessing Wisely:** If uncertain, make an educated guess based on the available information.
- **Manage Stress:** Practice relaxation techniques to remain calm during the exam.

Sample Questions









1. Which of the following is the powerhouse of the cell?
 - a. Mitochondria
 - b. Chloroplasts
 - c. Nucleus
 - d. Ribosomes



2. What is the symbol for the element with atomic number 17?

- a. C
- b. N
- c. O
- d. F

	First name and surname	Dates (birth and death)	Age	Century	Country of origin	Job/famous for	particularity
	Victoria	24/05/1819 - 22/01/1901	82	XIXth - XXth	United Kingdom	Queen	Longest reign ever
	Abraham Lincoln	12/01/1809 - 15/04/1865	56	XIXth	United States of America	President	Abolition of slavery
	Elizabeth I	7/09/1533 - 24/03/1603	70	XVIth - XVIIth	England	Queen	First woman to be queen
	George Washington	22/02/1732 - 14/12/1799	67	XVIIIth	America	President	First president
	Richd. Hook	1340 (?) - 1347 (?)	87 (?)	XIIIth - XIVth	England	poet	It feed the rich to give the poor
	Milton E. Eisenhower	27/01/1899 - 30/01/1954		XIXth - XXth	USA	Politician	Supervisor of the first space flight

3. Who led the American Revolution against British rule?

- a. Thomas Jefferson
- b. Benjamin Franklin
- c. George Washington
- d. Abraham Lincoln

THE GREAT GATSBY CHAPTER QUESTIONS

Use these questions to guide your reading.

Chapter I

1. How does Nick introduce himself at the beginning of the book?
2. Why has Nick come to the East?
3. How does Nick describe Tom Buchanan?
4. Who is Jordan Baker? What does Nick find appealing about her?
5. How does Daisy react to the phone calls from Tom's woman in New York??
6. What is Gatsby doing when Nick first sees him?
7. Notice how many times Fitzgerald uses the words hope, or dream. Why does he do this?
8. Nick starts the novel by relaying his father's advice "Whenever you feel like criticizing anyone, just remember that all the people in this world haven't had the advantages that you've had." Does he reserve judgment in the novel?
9. Pay attention to time. What is the day and year during the first scene at Daisy's house?
10. Describe Nick. What facts do you know about him, and what do you infer about him? What kind of a narrator do you think he will be?
11. What image does the author use to describe Jordan Baker? What does it mean?
12. How does Nick react to Jordan?
13. What does Tom's behavior reveal about his character?

Chapter II

1. How does Nick react to Tom's mistreatment?
2. How does Myrtle react to Tom's arrival?
3. Describe George Wilson. How does he react to Tom's arrival?
4. How does Myrtle behave as the party progresses?
5. Why, according to Catherine, has Tom not left Daisy to marry Myrtle?
6. Why did Tom break Myrtle's nose? How is this consistent with the author's description of him in Chapter I? Judging by his treatment of Myrtle and his wife Daisy, what seems to be Tom's attitude toward women?
7. Describe the "valley of ashes." What does it look like and what does it represent?
8. Describe Mr. Wilson and Myrtle. Do they seem to fit into the setting?
9. What more have you learned about Nick in this chapter? Is he similar or different than the people he spends his time with?

Chapter III

1. Why does Gatsby throw huge, expensive parties for people he does not even know?
2. Describe the two ways in which Nick differs from the other guests at the party?
3. What does the owl-eyed man find extraordinary about the books in Gatsby's library?
4. Why does the owl-eyed man describe Gatsby as a real helmsman?
5. What is the significance of the owl-eyed man?
6. What does the reaction of the drivers of the wrecked automobile suggest about the values of Gatsby's guests?
7. What does Nick learn about Jordan after he's spent some time with her?
8. What is the significance of Jordan's love?
9. Pay attention to Nick's judgments. What do they reveal about his character that he does this

4. Which novel by Jane Austen features the character Elizabeth Bennet?
 - a. Pride and Prejudice
 - b. Sense and Sensibility
 - c. Emma
 - d. Mansfield Park

GLOBAL WARMING

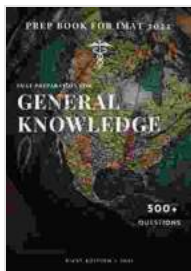


- 1- Describe the pictures. What things can you see in the pictures?
- 2- What are some of the causes of global warming?
- 3- Do you think global warming is caused by humans or is it a natural thing?
- 4- How is the earth changing as it gets hotter?
- 5- What concerns you most about global warming?
- 6- Do you know what the greenhouse effect is? Can you describe it?
- 7- Which human actions contribute most to climate change?
- 8- What impact will global warming have on your home country?
- 9- Which country in the world do you think contributes the most to global warming?
- 10- What will the world be like if ocean levels rise by 20 metres?
- 11- Do you ever think about your carbon footprint? How can you make it smaller?
- 12- Which countries will be most affected by global warming?
- 13- What are 3 things everybody can do to help reduce global warming?
- 14- Do you think it will help if governments raise taxes on certain industries? Which ones?
- 15- Is deforestation a problem in your country? Why does it happen?
- 16- Does the government in your country have any plans to combat global warming?
- 17- How can people change their diet to combat climate change?
- 18- What farming practices can be changed to help the earth? How?
- 19- If the earth's sea levels rose by 50 meters, where would be the best place to live?
- 20- What kinds of severe weather will increase due to climate change?
- 21- What do you think the world will be like 100 years from now?
- 22- What animals will be affected by global warming?
- 23- Are there any efforts to protect and replant forests in your country?
- 24- Are there any positives about global warming? What are they?
- 25- What things do you think will become more expensive due to climate change?

5. Which of the following is a consequence of climate change?
- a. Rising sea levels
 - b. Increased frequency of extreme weather events
 - c. Loss of biodiversity
 - d. All of the above

Effective preparation for the IMAT General Knowledge section requires a combination of comprehensive study, strategic planning, and regular practice. By following the strategies and tips outlined in this guide, you can optimize your preparation and increase your chances of success.

Remember to stay motivated, manage your time wisely, and approach the exam with confidence. With dedicated effort and a solid understanding of the syllabus, you can conquer the IMAT General Knowledge section and take a significant step towards achieving your medical school aspirations.



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