



THE HASHEMITE KINGDOM OF JORDAN – MINISTRY OF EDUCATION  
GENERAL SECONDARY CERTIFICATE EXAMINATION

الجدید / الشتویة /

DATE: FRIDAY 14<sup>TH</sup> OF JANUARY 2017.

TIME: 1 HOUR AND A HALF

Read the following texts carefully, and then answer the questions that follow. Your answers should be based on the text.

Ibn Rushd was a famous Islamic **polymath** who was born in Cordoba, Al-Andalus, in the twelfth century. During his lifetime, he was widely known and respected for his teaching and his books. Even now, nearly nine hundred years after his birth, he is still remembered as a great scholar, scientist and writer. In fact, he is even remembered in space because scientists named an asteroid (that's a rock which orbits the sun) after him, in honour of his great contributions to astronomy.

As a young man, Ibn Rushd studied the law. He also studied philosophy, and soon took up medicine too. One of his most influential works was a medical encyclopaedia, *Kitab al-Kuliyat fi -Tibb*, or 'Generalities' as it is known in the West.

Ibn Rushd also wrote books on psychology, geography, physics, maths and music. From the age of 31 until his death about 40 years later, he wrote an amazing number of books – at least 80 books of his own as well as a large number of translations of Greek philosophy.

Although the place where he died was Morocco, there is a statue of Ibn Rushd in Cordoba where he was born, and where for many years he lived as a scholar, lawyer, scientist, doctor and writer.

**Question Number One: (20 points)**

- A:**
1. Quote the sentence which indicates that Ibn Rushd books were effective in medicine. (2 points)
  2. Ibn Rushd wrote in different fields of study. Write down two fields. (4 points)
  3. What does the underlined word "where" refer to? (2 points)
  4. Find a word in the text gives the same meaning as "**physician**". (2 points)
  5. How is Ibn Rushd remembered in the place of his birth? (2 points)
  6. It was difficult in those days to reach such high levels of achievement in comparison with the present day. Think of this statement and in two sentences write down your opinion. (2 points)
  7. When scientists achieve high levels in their fields of knowledge they must be rewarded and honored. Explain this statement suggesting three ways of rewarding such achievements. (3 points)



### B. literature spot (3 points)

Read the following lines, from *I remember I remember* carefully, then answer the question that follows:

I remember, I remember,  
Where I was used to swing,  
And thought the air must rush as fresh  
To swallows on the wing;  
My spirit flew in feathers then,  
That is so heavy now,  
And summer pools could hardly cool  
The fever on my brow!

1. What rhetorical device does the poet use to describe his spirit in line 5? (1 points)
2. How does the poet contrast his memories of the past with the present day in this stanza? (2 points)

محمدا الفقها



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التحدي

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مقابل مدرسة محمد الشريقي - امام حديقة زها

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Read the following texts carefully, and then answer the questions that follow. Your answers should be based on the text.

The King Hussein Cancer Center (KHCC) is Jordan's only **comprehensive** cancer treatment centre. **It** treats both adult and paediatric patients. As the population of the country increases, more and more families will rely on the hospital for cancer treatment. Patients come not only from Jordan but also from other countries in the region, as **they** are attracted by **its** excellent reputation, lower costs, and cultural and language similarities.

The population of Jordan increased from approximately 2.3 million in 1980 CE to about 6.5 million in 2010 CE. It is expected that the population will keep on increasing, and by 2050 CE it will be about 11.5 million. In order to **cope with** the increase in **demand** for treatment, the KHCC has begun an expansion programme. Building started in 2011 CE. The hospital will have more than doubled **its capacity** by 2016 CE, increasing space for new cancer cases from 3,500 per year to 9,000.

By **then**, **they** will have added 182 extra beds, along with bigger units for different departments, including radiotherapy. New adult and paediatric **wards** will have opened. Additionally, **they** will have built a special ten-floor outpatients' building, with an education centre **which** will include teaching rooms and a library.

Many cancer patients live far away from Amman, **where** the KHCC is located, and the journey to and from the hospital is often difficult. For this reason, there are plans to extend cancer care facilities to other parts of Jordan. In the near future, King Abdullah University Hospital in Irbid hopes to **set up** radiotherapy machines, so that cancer patients from northern Jordan will not have to go to Amman for radiotherapy treatment.



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**Question Number One: (20 points)**

- A:**
1. There are two **kinds of patients** can be treated in **KHCC**. Write down these two kinds.
  2. Quote the sentence which indicates that there are too many people in Jordan **depend on KHCC** for cancer treatment.
  3. **KHCC** is considered one of the most popular treatment centres in the Middle East for many **reasons**. Write down two reasons.
  4. Quote the sentence which indicates to the **inception** of the expansion programme in KHCC.
  5. By 2016, the KHCC is going to **add** many facilities. Write down two facilities.
  6. The **educational center** that the hospital is going to build will have two main **facilities**. Write down these facilities.
  7. Quote the sentence that shows the **location** of KHCC.
  8. Quote the sentence which shows that they are going to build new cancer treatment buildings **in other areas of the country**.
  9. Quote the sentence which indicates that **not everyone** in Jordan **can get to KHCC easily**.
  10. What do the underlined **phrasal verbs** mean?
  11. What does the underlined word "**then**" refer to?
  12. Find an adjective which means the same as "**complete**"
  13. Population increase will affect Jordan's housing, education and health facilities. Think of this statement and in two sentences write down your point of view.
  14. Population increase will affect Jordan's housing, education and health facilities. Suggest three tips that the government should do to cope with this increase in population.

**B: literature spot (2 points)**

Read the following lines, from *All the world's a stage* carefully, then answer the question that follows:

Then a soldier,  
Full of strange oaths and bearded like the pard,  
Jealous in honor, sudden and quick in quarrel,  
Seeking the bubble reputation  
Even in the cannon's mouth.

1. What stage of life does the playwright describe in these lines?
2. What rhetorical device does the playwright use to describe the man in line 2?
3. What rhetorical device does the playwright use to describe the man in line 5?
4. Find an example of a simile in the speech.





### Question Number Two (15 points)

A. Choose the suitable item from those given in the box to complete each of the following sentences and write it down in your ANSWER BOOKLET. (8 points)

ailments artificial equipment fund textiles

1. My sister wants to be a fashion designer and work with \_\_\_\_\_.
2. Before the boys go climbing, they'll go to a special shop to buy all the \_\_\_\_\_ that they need.
3. Older people tend to suffer from more \_\_\_\_\_ than younger people.
4. My parents have saved enough money to \_\_\_\_\_ our university courses.

calculations gallery symptoms disabilities astronomers

1. If you don't feel well, you should describe your \_\_\_\_\_ to the doctor.
  2. There is a good \_\_\_\_\_ for contemporary art across the street.
  3. A telescope enables \_\_\_\_\_ to observe the stars.
  4. It is often impossible for people with \_\_\_\_\_ to climb stairs.
- B. Study the following sentence and answer the question that follows. Write the answer down in your ANSWER BOOKLET. (3 points)

I've never visited that museum. I'd like to go in and look around.  
What does the underlined phrasal verb mean?

When they came home they found their neighbor red-handed.  
What does the underlined colour idiom mean?

C. Complete the following sentences with the suitable words derived from the words in the box below and Write the answer down in your ANSWER BOOKLET. (4 points)

1. This has proved to be \_\_\_\_\_ beneficial to the community. (**extreme**)
2. Improvements in diet have resulted in greater life \_\_\_\_\_ for many people. (**expect**)

### Question Number Three (12 points)

A. Correct the verb between brackets, then write your answers down in your ANSWER BOOKLET. (6 points)

1. Are you planning \_\_\_\_\_ shopping tomorrow? (**go**)
2. Where have you been? I \_\_\_\_\_ for ages. (**be, wait**)
3. Our grandmother used \_\_\_\_\_ us stories at bedtime. (**tell**)
4. Will it still \_\_\_\_\_ this evening? (**rain**)
5. Before she went to the library, Huda \_\_\_\_\_ her mother to prepare lunch. (**help**)
6. By the next two years, my brother \_\_\_\_\_ from university. (**graduate**)



7. In the next two hours, we \_\_\_\_\_ for our holiday. (**pack**)

**B. Rewrite the following sentences keeping the same meaning. Write the answer down in your ANSWER BOOKLET. (6 points)**

1. The Egyptians built the pyramids.

It was \_\_\_\_\_.

2. The Egyptians built the pyramids.

What \_\_\_\_\_.

3. The treatment works by blocking a protein which causes cancerous cells to grow.

The way \_\_\_\_\_.

4. Ali intends to finish his project tonight.

Ali is \_\_\_\_\_.

5. London is a huge city. It's the capital of the UK.

London, \_\_\_\_\_.

6. He started studying at 5 p.m. It's 10 p.m., and he's still studying.

He \_\_\_\_\_ since 5 p.m.

7. He started studying at 5 p.m. It's 10 p.m., and finished studying at 11 p.m.

He \_\_\_\_\_ since 5 p.m.

8. It is (**normal**) (**familiar**) (**customary**) for me now to get up early to study.

I am \_\_\_\_\_.

9. Perhaps Issa's phone is broken. (**might**)

Issa's phone \_\_\_\_\_.

10. Somebody has found my missing laptop. (**been**)

My \_\_\_\_\_.

11. I asked someone to fix my computer. (**had**)

I \_\_\_\_\_.

12. It isn't necessary to switch off the screen. (**have to**)

You \_\_\_\_\_.

13. You are not allowed to touch this machine. (**must**)

You \_\_\_\_\_.

**Question Number Four (8 points)**

**A. The underlined words in the following sentence are not used correctly. Replace these words with the correct ones, and write the answer down in your ANSWER BOOKLET. (2 points)**

1. I think television is used to be better than it is now. Most of a programmes these days are just reality TV.

2. There wasn't used to be so much pollution, but these days it is the global problem.



**B. The following sentences are in British English, rewrite them in American English. And then write the answer down in your ANSWER BOOKLET. (4 points)**

1. An architect can predict what an apartment will look like by modelling it on a computer

\_\_\_\_\_

2. 'Goodness, you've got very tall!' said my aunt.

\_\_\_\_\_

**C. Study the following sentence and answer the question that follows. Write the answer down in your ANSWER BOOKLET. (2 points)**

By the time the bus arrived, we had been waiting for an hour.

**What is the function of using the past perfect continuous in the above sentence?**

My friend is used to studying very hard for their final exams

**What is the function of using used to in the above sentence?**



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**Question Number Five (15 points)****A. Editing (5 points)**

Imagine you are an editor in the Jordan Times. You are asked to edit the following lines that have five mistakes. Correct the mistakes and write the answers in your ANSWER BOOKLET.

By the near future, a new 'bionik eye' will help people with failing eyesight to see again. A devise inside the eye pick up an image from a small camera attached to a pair of sunglasses and sends it to the brian, which interprets it as vision.

1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_ 4. \_\_\_\_\_

Ibn Sina who is also knows as Avicenna was a polimath. Ibn Sina was infleunced as a young man by the works of the philosopher Aristotle? He writes on early Islamic philosophy which included many subjects, especially logic and ethics.

1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_ 4. \_\_\_\_\_

**B. Read the information below, and then in your ANSWER BOOKLET, write two sentences using all the given information below about Masdar City. Use the appropriate linking words.**

Development Date	2006 - 2025
Location	Abu Dhabi
Construction purpose	<ul style="list-style-type: none"> <li>- encourage economic growth and bring new benefits to cities</li> <li>- finding solutions to the world's energy problems</li> <li>- a blueprint for future urban planning</li> </ul>

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Read the information below, and then in your ANSWER BOOKLET write two sentences using all the given notes about the Giralda tower. Use the appropriate linking words.

**Location :** Seville, Spain

**Date of construction:** 1198CE

**Designer:** Jabir ibn Aflah

**Description of the building:** a minaret, over 104 metres tall

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Read the information below, and then in your ANSWER BOOKLET write a brief biography using all the given notes about Ibn Sina. Use the appropriate linking words.

**Name:** Ibn Sina

**Date of birth:** 980 CE

**Date of death:** June 1037 CE

**Profession:** philosopher, physician

**Achievements:** wrote many books on philosophy, logic and ethics  
wrote *Al Qanun fi-Tib*

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### C. Free writing

Write a composition of about 100 words on the following topic.

1. Our life will have changed by a hundred years' time. Write an essay describing what changes will have taken place by then, and how can you cope with such changes.
2. Our traditions must be taken care of in order to make them alive. Write an essay describing some of our Arabic traditions and suggesting ways to preserve them.

**The end**





### Answers

#### Question Number One: (20 points)

##### Text A

- A:**
1. One of his most influential works was a medical encyclopaedia, Kitab al-Kuliyyat fi -Tibb , or 'Generalities' as it is known in the West.
  2. geography, physics
  3. Cordoba
  4. doctor
  5. Scientists named an asteroid after him in honour of his great contributions to astronomy.
  6. *I think that it was more difficult for people in the past to reach such high levels of achievement in comparison with the present day: there was much less access to information in the past, so people like Ibn Rushd had to be truly revolutionary and creative in their thinking in order to succeed.*
  7. Use their names for streets/ giving them support / publishing their works in the media

##### B. literature spot (3 points)

1. Metaphor
2. The poet contrasts his past days when he was a child that he was happy but now he is sad and ill.

##### Text B

- A:**
1. adult and paediatric patients
  2. As the population of the country increases, more and more families will rely on the hospital for cancer treatment.
  3. Its excellent reputation, lower costs, and cultural and language similarities.
  4. Building started in 2011 CE.
  5. New adult and paediatric **wards** will have opened. Additionally, **they** will have built a special ten-floor outpatients' building, with an education centre
  6. teaching rooms and a library
  7. Many cancer patients live far away from Amman, **where** the KHCC is located, and the journey to and from the hospital is often difficult.
  8. For this reason, there are plans to extend cancer care facilities to other parts of Jordan.
  9. Many cancer patients live far away from Amman, **where** the KHCC is located, and the journey to and from the hospital is often difficult.
  10. Deal successfully with a situation / install
  11. 2016 CE
  12. Comprehensive
  13. Student's answer
  14. Student's answer

##### B: literature spot (2 points)

1. Then a soldier
2. Simile
3. Personification
4. Even in the cannon's mouth.

**Question Number Two (15 points)**

- A. 1 textiles 2 equipment 3 ailment 4 fund / 1 symptoms 2 gallery 3 astronomer 4 disabilities 5 calculations
- B. explore / the act of doing something wrong
- C. extremely / expectancy

**Question Number Three (12 points)**

- A.
1. to go
  2. have been waiting
  3. to tell
  4. be raining
  5. had helped
  6. will have graduated
  7. will be packing
- B.
1. It was The Egyptians who built the pyramids
  2. What the Egyptians did is build the pyramids.
  3. The way in which the new treatment works is blocking a protein which causes cancerous cells to grow.
  4. Ali is planning to finish his project tonight
  5. London, which is the capital of the UK, is a huge city.
  6. He has been studying since 5 p.m.
  7. He had been studying since 5 p.m.
  8. I am used to getting up early to study.
  9. Issa's phone might be broken
  10. My missing laptop has been found.
  11. I had my computer fixed.
  12. You don't have to switch off the screen.
  13. You mustn't touch this machine.



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**Question Number Four (8 points)****A.**

1. Used to / the
2. Didn't use to / a

**B.**

1. Flat / modeling
2. Gosh / gotten

**C.**

1. To express an action started and continued up to a specific moment in the past.
2. To describe past habits or past states that have now changed.

**Question Number Five (15 points)****A.**

1. 1. bionic 2. will have helped 3. picks up 4. Brain
2. 1. polymath 2. influenced 3. Aristotle. 4. wrote

**B. Students' answer****C. Students' answer****Mohammed Al-Foqaha**

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