

PART ONE: READING COMPREHENSION

Jabir ibn Hayyan

The Arab world has many famous chemists in its history, but the person who is known as the founder of chemistry is probably Jabir ibn Hayyan. He is most well known for the beginning of the production of sulphuric acid. He also built a set of scales which changed the way in which chemists weighed items in a laboratory: his scales could weigh items over 6,000 times smaller than a kilogram.

Ibn Bassal

One of the many things which Ibn Bassal achieved was A Book of Agriculture. The book consisted of sixteen chapters which explain how best to grow trees, fruit and vegetables, as well as herbs and sweet-smelling flowers; perhaps the most famous chapter of all was the one that described how to treat different types of soil. Ibn Bassal also worked out how to irrigate the land by finding underground water and digging wells. He designed water pumps and irrigation systems. All of these things were passed on through his writing.

Ibn Rushd

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.

Question Number One:- (20 points)

- 1- The text describes an unusual way of honouring Ibn Rushd. What is it ? (2 points)
- 2- Mention two categories of plants that Ibn Bassal was interested in ?(2 points)
- 3- What distinguishes the scales of Jabir Ibn Hayyan ? (4 points)
- 4- What do the underlined words scales and irrigate mean?(2 points)
- 5- What does the underlined word "Which" refer to? (2 points)
- 6- Suggest two ways by which we can spread awareness about the achievements of Arab scientists . (2 points)

7-To be successful and your name is written in history , you should make something distinguished that people get benefit of it . Think of this statement and write two sentences showing your point of view. (2 points)

B. Literature Spot : (4 points)

Read the following quotation from "The old man and the Sea" by Ernest Hemingway, then answer the questions that follow .

"Then The next morning, Manolin finds Santiago in his hut and cries over the old man's injuries. Manolin reassures Santiago that the great fish didn't beat him and that they will fish together again. He tells him that the old man still has much to teach him."

1. Describe the character of Manolin .
2. Write down two themes promoted from the retelling of the story .

Question Number Two :(15 points)

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

complementary, exhibition , , gallery, Fine Arts, out of the blue , Craftsmanship

1. A place where art is shown is called
2. I enjoy painting and sculpture so I decided to do a degree in
3. I was shocked when I heard the news. It came completely.....
4. An event during which works of art are displayed is named

B- Study the following three sentences and answer the question that follows each one. Write the answer in your ANSWER BOOKLET. (3 points)

1.I bought a waterproof watch .

What does the underlined suffix mean ?

2. I watched a program about the best ways to practice acting in the theater.

The previous sentence is written in American language . Rewrite it using British English language .

3.In my dream ,I flew to a forest of enormous trees.

Write the sound of the underlined letters .

C- Complete the following sentences with suitable words derived from the words in Brackets and write the answers down in your ANSWER BOOKLET. (4 points)

1. Isa good way to be environmentally-friendly ? (sustain)
2. The tower wasdesigned that no mistake can be found.(geometry)

Question Number Three (12 points)

A-Complete the following sentences with the correct form of the verbs between brackets. (6 points)

- 1.It is three o'clock now , so Ramzi flight will at Queen Alia international Airport. (arrive)
- 2.Before the internet.....,nobody had dreamt of online shopping.(invent)
- 3.The number of healthcare services.....in Jordan over the past years .(spread)

B. Rewrite the following sentences so that the new sentence is similar in meaning to the one before it .(6 points)

- 1- The Great Mosque in Cordoba was built in 784 CE by Abd al-Rahman I.
The mosque
- 2- Ali intends to finish his project tonight..
Ali
- 3- It isn't necessary to switch off the screen.
You.....

Question Number Four:- (8 points)

A- There is one grammatical mistake in each of the sentences below. Find the mistake and rewrite the sentence in the correct form . (6 points)

1. Next month, we will be living in this house for a year. Let's celebrate!
2. We're going to Aqaba again in the summer. I have looked forward to it since last year.
- 3 .In thirty years' time, scientists will be finding a cure for cancer.

B . Study the following sentence and answer the question below. (2 point)

She used to be a teacher, but now she's retired.

What is function of "used to" in the above sentence?

Question Number Five (15 points)

A: EDITING: (4 points)

Imagine you are an editor in the Jordan Times, you are asked to edit the following lines that have two spelling mistakes, one grammar mistake and one punctuation mistake . Find out these four mistakes and correct them .

Ibn Rush wrote books on psychology, geography, physics, maths and music. From the age of 31 until his death about 40 years later. He has written an amazing number of books – at least 80 books of his own as well as a large number of tranzlations of Greek phelosophy.

B. Guided writing (4 points)

Study the following information about The Giralda tower and then write two sentences describing it .

Location : Seville, Spain.

Archetict : Ahmad Ben Baso.

Date of building : 1184 CE.

The design of the tower : based on the Koutoubia Mosque in Morocco .

C. Write a composition of about 90 words on ONE of the following:(7 points)

1- Our world is changing rapidly .Write an essay about the recent changes in the ways of communication such as the Internet and smartphones, describing how they make our life easier .

2. Write a report about Free-time activities you practise, mentioning two of these activities and how they affect on you positively.

الحلول

Q1. A

1. scientists named an asteroid (that's a rock which orbits the sun) after him, in honour of his great contributions to astronomy.

2. fruit and vegetables .
3. his scales could weigh items over 6,000 times smaller than a kilogram. .
4. sixteen chapters .
5. scales mean : instruments to measure weight
irrigate means : to supply land with water .
6. I suggest :
 - A. Talking about their achievements in the media .
 - B. Witting about them in schools' books .
7. I think that I should be distinguished in a field of study so that I can discover or invent something new that people would get benefit of .

B.

- 1.He is loyal to his teacher Santiago.
- 2.Determination and optimism .

Q. 2 A.

1. gallery 2. fine arts 3.out of the blue 4.exhibition

B.

- 1.to provide protection against .
2. I have watched a programme about the best ways to practise acting in the theatre.
3. /i:/

C.

1. sustainability 2. geometrically

Q3.A.

- 1.have arrived 2. was invented 3. has been spreading

B.

1. that was built in Cordoba in 784 C.E by Abd al –Rahman I was the great Mosque .

2. Ali is finishing his project tonight .
3. you don't have to switch of the screen .

Q4. A.

- 1 .Next month, we **will have lived** in this house for a year. Let's celebrate!
1. We're going to Aqaba again in the summer. I **have been looking** forward to it since last year.
- 3 .In thirty years' time, scientists **will have found** a cure for cancer.

C. Past habit

Q5. A.

1. later ,**he**
2. later, he wrote an
3. translations
4. philosophy

B.

The Giralda tower

The Giralda tower which was built in 1184 C.E in Seville , Spain was designed by Ahmad ben Baso . The design of the tower was also based on the Koutoubia Mosque in Morocco .