

While the project has the support of many global, environmental and conservation organisations, there is some criticism of it. It is felt that, instead of building an artificial sustainable city, sustainability should be made a priority of existing cities.

In conclusion, the benefits of Masdar City for the community and the environment greatly outweigh any disadvantages. If the aims of the developers are realised, Masdar City will be a blueprint for future urban planning that will inspire similar megaprojects in other countries.

Answer the following questions:-

1. Write down the purpose (aim) of investing in megaprojects?
2. Megaprojects vary in terms of size and cost. Write down two examples of Megaprojects.
3. Why do you think megaprojects attract high level of interest and media coverage.
4. Megaprojects bring many benefits to the community; nevertheless, they are criticized, why?
5. Masdar City has many qualities (characteristics/ features) that make this project unique. Write down two of them.
6. Quote the sentence which indicates that Masdar City is going to remove salt from sea water to be used again.
7. Find a word in the last paragraph which means "**walking, especially along a street or another place that is used by cars**".
8. Masdar City will run two renewable energy sources. Write down two of them.
9. Masdar City is the world's first carbon-neutral, zero-waste city. How?
10. Why do some experts criticize Masdar City?
11. What do the underlined pronouns "**they**" "**its**" "**it**" refer to?

B. Critical thinking:-

Do you think that similar project to Masdar City would be successful in Jordan? What advantages and disadvantages can you think of?

Text 2

Health in Jordan: A report

Health conditions in Jordan are among the best in the Middle East. This is largely due to the country's commitment to making healthcare for all a top priority. Advances in education, economic conditions, sanitation, clean water, diet and housing have made our community healthier.

As a result of careful planning, the number of healthcare services has been increasing rapidly over the past years. More than 800 different kinds of healthcare centres have been built, as well as 188 dental clinics. In 2012 CE, 98 per cent of Jordanian children were fully immunised, thanks to immunisation teams that had been working towards this goal for several years. Although there were remote areas of the country where people had been without consistent access to electricity and safe water, almost 99 per cent of the country's population now has access.

Although the country has been focusing mainly on improving its primary healthcare facilities, it has not neglected its advanced medical facilities. The reputation of Jordanian doctors has spread in the region, and now many more patients come to Jordan for open heart surgery. In Jordan, the open heart surgery programme started in 1970 CE in Amman.

The life expectancy figures show that Jordan's healthcare system is successful. In 1965 CE, the average Jordanian's life expectancy was age 50. In 2012 CE, this average life expectancy had risen to 73.5. According to UNICEF statistics, between 1981 CE and 1991 CE, Jordan's infant mortality rates declined more rapidly than anywhere else in the world – from 70 deaths per 1,000 births in 1981 CE to only 32 deaths per 1,000 births in 2014 CE.

The low infant mortality rate, as well as the excellent healthcare system, have been contributing factors to Jordan's healthy population growth, which will result in a strong work force with economic benefits for the whole country.

1- According to this report, there are many factors that have made the community in Jordan healthier. Write them down.

2- Why do more and more people come to Jordan for open heart surgery?

3- Quote the sentence that indicates Jordanian live longer than they did in the past?

4- What was the role of the immunisation teams?

5- Write down the sentence that implies how life expectancy rates changed over the years.

6- Find a word in the last paragraph which means " **decreased in quantity or importance**" and " **death, especially on a large scale.**"

7- What does the underlined pronoun "its" refer to?

8- According to the report, what are the factors that have contributed to Jordan's health population growth?

9- What was the effect of the continuous immunisation programme on infants of Jordan?

B. Critical thinking

"Healthcare alone doesn't make a healthy community". Think of this sentence and write your point of view in two sentences.

Text 3

The importance of Islamic achievements in history

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.

Ali Ibn Nafi ' is also known as 'Ziryab' (or 'Blackbird', because of his beautiful voice). He was a gifted pupil of a famous musician from Baghdad, and it was his talent for music that led him to Cordoba in the ninth century CE. He was the guest of the Umayyad ruler there. He is the person who established the first music school in the

world in Cordoba, Al-Andalus, teaching musical harmony and composition. He revolutionised musical theory, and is also the person who introduced the oud to Europe.

Fatima al-Fihri was the daughter of a wealthy businessman. She used her father's inheritance to build a learning centre in Fez, Morocco. This learning centre became Morocco's top university, and it is where many students from all over the world come to study. Moreover, it was Fatima's sister, Mariam, who supervised the building of the Andalus Mosque, which was not far from the learning centre.

Al-Kindi was a physician, philosopher, mathematician, chemist, musician and astronomer – a true polymath. He made ground-breaking discoveries in many of these fields, but it is probably his work in arithmetic and geometry that has made him most famous.

- 1- Jaber ibn Hayyan had made a number of achievements. Write down two of them.
- 2- Why do think the set of scales that Jabir ibn Hyayaan built are important in the field of chemistry?
- 3- Ali ibn Nafi' is known with two other names. Write them down.
- 4- Write down tow achievements for ibn Nafi'.
- 5- What did students learn in the music school which Ziryab established? Mention two things.
- 6- Write down the sentence that indicates Fatima al-Fihri got much money from her father after his death.
- 6- Find a word in the last paragraph which means " **new, innovative.**"
- 7- What do the underlined pronouns "**there**" and "**her**" refer to?
- 8- Al-Kindi had studied many fields, but he was well-known for two of them. What are they?

B. Critical Thinking:-

Do you think it was easier or more difficult in those days to reach high levels of achievement in comparison with the present day. Give a reason for your opinion.

Question Number Two: (15 points)

A. Choose the best answer from those given to fill in the blanks. Write the answers in your ANSWER BOOKLET. (8 points)

polymath	chemist	scales	neutral	settle down	share	heritage
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1. is traditional culture, such as are, customs and beliefs.
2. Mr. Shahin is a trueworking in all kinds of creative and scientific fields.
3. If we replace as much carbon as we burn, we are carbon-
4. Our chemistry teacher uses to measure weight in the laboratory.
5. When I graduated from university, I would like to buy a house and
- 6- Communicating through the Internet has helped many people to_.....ideas.

B. Study the following entry and answer the questions that follow.

a. What does the colour idiom **a white elephant** mean in the following sentence?

Nobody goes to the new private sports club. The building is **a white elephant**.

.....

b. Luckily, the police arrived and the thief was caught **in the act of doing something wrong**.

In the act of doing something wrong in this sentence mean.

.....

3. Happy people are "**helθi**" and optimistic.

Convert the underlined **phonetic transcription** into the correct English word.

B- Use the correct form of the word in brackets:-

1- Ahmad's idea was to fix his old car, but he decided to buy a new one instead. (origin)

2- What is the most useful for human beings. (invent)

3- Penicillin was one of the most important in the history of medicine.(discover)

4- I'm not trying to your decision by anyway. (influential)

5- The castle was built on a top of a hill. (create)

C- Fill in spaces with the correct word derived from the words given in the box and then write your answer down in your ANSWER BOOKLET. (4points)

translation,	appreciation,	educate
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1- I will be going to university to continue my

2- Thank you for your help, I really

archaeology,	installation,	collect
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1- Have you seen Nasser's of postcards? He's got hundreds.

2- Petra is an important site.

Question Number Three (12 POINTS)

A. Correct the verb between brackets. (4 points)

1. This time tomorrow, we'll be celebrating because we our exams. (finish)
2. He supplies that you ordered by the end of the week. (not arrive).
3. Sami looks fit and active. He (be, exercise) for 2 months.
4. My neighbor doesn't clean his garage himself. He has it (clean)
5. Some houses (destroy) by the earthquake yesterday.
5. I a bath when I suddenly had a great idea. (have)
- 6- It is probable that this market in the future. (expand)
- 7- If you need help to find a job, I you. (help)
- 8- We hope by the end of the summer. (move)
- 9- We had the computer repaired because it had stopped (work)

B. Complete each of the following sentences in such a way it means the same as the sentence before it.

1. The thief hid the jewels in the garage.

It was the thief

2. Petra was made a World Heritage Site in 1985 CE.

It was

3. Hadeel started her work at the bank from 2012, and she's still working.

Hadeel has

4. London is the capital of the UK .It's a huge city. (where)

London,

5. I asked someone to build my kitchen last month.

I had

6. Maher checked his emails, and then he started work. (before)

Maher had

7. It is possible that Sami is in the library now. (might)

Sami

8. Someone broke the window of my car last night. (was)

The window of my car

9. It is not necessary to switch off the screen. (have)

You

10. You aren't allowed to touch this machine. (must)

You

C. Complete the following sentences with a suitable item from those in the box.

The/a/an	used to	is used to	which	who
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1. I met many foreign students came to study in Jordan.

2. The children felt excited when they saw elephant walking in the street.

3. Majeda..... watch a film on Thursdays.

4. Nihad..... swimming at sea at cold weather.

5- Indian Ocean is the third-largest ocean in the world.

D. The following sentences are written by using American English grammar. Change them into British English Grammar.

1. **Did** you **find** your keys yet?

2. When I get home, I first **take** a shower.

3. Tom has **gotten** his present.

Literature Spot: بقعة الأدب

1- Read the following lines from "I Remember, I Remember", and then answer the questions that follow:

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

- Give one example of personification used in the lines.
- What does Tomas Hood mean by saying "That is so heavy now"?
- How does the poet contrast his memories of the past with the present day?
- What rhetorical device does the poet use to describe the summer pools?
- Find an example of **onomatopoeia** in the lines.
- What is the name of the bird mentioned in the lines?

2- Read the following lines from "All the World's a Stage", and then answer the questions that follow:

And all the men and women merely players;
They have their exits and their entrances,
And one man in his time plays many parts....
At first, the infant,
Mewling and puking in the nurse's arms.
Then the whining schoolboy, with his satchel
And shining morning face, creeping like snail
Unwillingly to school.

- What are the two stages of a human's life mentioned in the speech?
- How is the schoolboy described in these lines?
- What rhetorical device does Shakespeare use to describe the schoolboy?

3- Read the following quotation from "The old man and the sea", then answer the questions that follow:

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.

- What happened to the great fish? What caused the old man injuries?
- What does this quotation tell you about the character of the boy Manolin?

PART FOUR: EDITING, GUIDED AND FREE WRITING: (15 points)

A. EDITING: (3 points)

You are given the following lines that have two spelling mistakes and two grammar mistake. Find these mistakes and correct them.

Megaprojects are extremely large investments where are designed to encourage economic growth and bring new benefits to cities. The concept of megaproject is always based on the benefits it bring to a community

B. GUIDED WRITING: (4 points)

1- Read the information in the table below then write two sentences about how to improve your English language. Use the appropriate linking words such as: and, also....etc.

How to improve your English language?
<ul style="list-style-type: none">- listen to English programs.- read English newspapers and magazines.- join English courses regularly.

2- Read the information in the table below then write two sentences about advantages\ benefits of vitamin 12. Use the appropriate linking words such as: and, also....etc.

Advantages of Vitamin 12
<ul style="list-style-type: none">- Give a lot of energy.- Refresh your memory.- Keep you away from diseases.

3- Read the information in the table below then write two sentences about a biography relating Ali Bin Nafi'. Use the appropriate linking words such as: and, also....etc.

Name: Ali Bin Nafi'

Date of Birth: Iraq, 789 CE.

Date of Death: Spain, 857 CE.

Profession: Musician.

Occupation: gifted pupil of a famous musician from Baghdad. Achievements: established the first music school in the world.

4- Read the information in the table below then write two sentences about the differences between Country people and City people. Use the appropriate linking words such as: and, also....etc.

Country people	city people
-live in houses -shop in small shops. - have quite relaxing lives	- live in apartments. - shop in markets. - have stressful lives

5- Read the information in the table below then write two sentences about the advantages and disadvantages of the internet. Use the appropriate linking words such as: and, also....etc.

Advantages	Disadvantages
- save time and effort -search the information	- cause eyes hurt - make people isolated

C. FREE WRITING: (7 POINTS)

Write a composition about 80 words on ONE of the following:

- 1- Most people nowadays don't go to the market to buy what they want; they rely more and more on online shopping. Write an essay in which you discuss the advantages and disadvantages of online shopping.
- 2 "Keeping your body fit is hard because you can't keep up with physical exercises which usually need much time....." Do you agree with this statement? And if you do, how can you keep your body fit without doing much physical exercise?
- 3- Write a report about health facilities in your area. Remember to include a title, and supply factual information. Write about 120 words.

Smile, God Loves you

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TEXT 1

- 1- encouraging economic growth and bring new benefits to cities.
 - 2- a- motorways
b- airports.
 - 3- Because of the benefits they bring to a community and the high cost and size of such projects.
 - 4- because of their negative effects on a community or the environment.
 - 5- a- It will be the world's first carbon- neutral, zero- waste artificially-created city.
b- The city will run entirely on renewable energy sources.
c- A desalination plant will be used to provide the city's water, with 80% of water used being recycled.
 - 6- " A desalination plant will be used to provide the city's water, with 80% of water used being recycled. "
 - 7- " pedestrian "
 - 8- a- solar power.
b- wind farms
 - 9- Carbon-neutral: Masdar City will be a car-free zone, designed to be pedestrian and cycle-friendly.
Zero Waste: Biological waste will be used as an energy source too, and industrial waste will be recycled.
 - 10- instead of building an artificial sustainable city, sustainability should be made a priority of existing cities.
 - 11- " Megaprojects " "Masdar City" "Masdar City Project"
- B- Critical Thinking:-
1. Yes, I think it is a good idea because it will reduce air pollution and protect the environment. On the other hand, Jordan is a poor country, so I think it is a better idea to improve the environment in old existing cities in Jordan.

TEXT 2

- 1- Advances in education, economic conditions, sanitation, clean water, diet and housing have made our community healthier.
- 2- The reputation of Jordanian doctors has spread in the region, and now many more patients come to Jordan for open heart surgery.

3- " . In 1965 CE, the average Jordanian's life expectancy was age 50. In 2012 CE, this average life expectancy had risen to 73.5."

4- Immunisation teams that had been working towards this goal for several years; they make 98 per cent of Jordanian children were fully immunized.

5- " from 70 deaths per 1,000 births in 1981 CE to only 32 deaths per 1,000 births in 2014 CE."

6- "decline" " mortality "

7- the country (Jordan)

8- The low infant mortality rate, as well as the excellent healthcare system.

9- " In 2012 CE, 98 per cent of Jordanian children were fully immunized."

B- Critical Thinking :-

I agree that Healthcare alone doesn't make a healthy community because healthy community needs advances in education, clean water, sanitation, diet and housing.

TEXT 3

1- a- He is most well-known for the beginning of the production of sulphuric acid.

b- He also built a set of scales which changed the way in which chemists weighed items in a laboratory

2- Because his scales could weigh items over 6,000 times smaller than a kilogram.

3- " Ziryab" and "blackbird"

4- a- He is the person who established the first music school in the world in Cordoba, Al-Andalus

b- He is also the person who introduced the oud to Europe

5- a- musical harmony

b- composition

6- " She used her father's inheritance to build a learning centre in Fez, Morocco. "

7- ground-breaking.

8- "In Cordoba." " Fatima al-Fihri."

9- a- arithmetic.

b- geometry.

B- Critical Thinking :-

I think it was more difficult for people in the past to reach such high levels of achievements in comparison with the present day; there was much less access to information in the past, so people like revolutionary and creative in their thinking in order to succeed.