

**I- Read the following text then do the tasks below:**

Desertification, which is the process in which productive land changes into desert, is an increasingly serious problem in over a hundred countries of the world. One billion people, out of a total world population of six billion, suffer from its effects. Desertification usually occurs in dry areas where there is no rain and where the climate is harsh. In these places, the top layer of soil is destroyed so that the land can no longer be used for growing crops or grazing animals. This means that people who depend on the land for food have to move to 'greener' areas in order to survive.

Although natural changes in the climate often start the process, the activities of human beings are often the real cause of desertification. Because there are growing numbers of people to feed, farmers tend to overcultivate their land, with the result that the soil becomes poor and unproductive. Other farmers overgraze their land and this permanently kills off grass and other plants. In addition to the effects of farming, deforestation – the cutting down of trees – also erodes the soil. Trees are usually cut down to make more agricultural land, but once there are no longer trees and plants on an area of land, there is nothing to stop the wind and rain from blowing or washing away the top layer of soil. The dust which this produces can travel long distances and affect the health of people living in cities thousands of kilometres away.

Answer the following questions: (18 marks)

1. What prevents the wind and rain from eroding the top layer of soil?
2. When cannot the land be used for growing plants?
3. What do farmers do to provide more food to the growing numbers of population?

Find words in the text which mean the following: (10 marks)

4. destroys slowly
5. putting animals in a field so that they can eat the grass

Rewrite these sentences about the text to correct the information: (12 marks)

6. Natural changes are the real cause of desertification.
7. Overcultivating enriches the soil and helps in its production.

II- Read the following text then do the tasks below:

Not many people work in space at any one time. It means that there are very few people to do all the technical, scientific and **domestic** jobs. Everyone shares the huge workload and the tiny living area. The crew are all highly **qualified** scientists who have important work to do. But they also live in a small area that must be kept clean and they need to prepare food, maintain the systems on board and still fit in enough time between their main jobs to get enough sleep and exercise. The astronauts carry out the cleaning in between their main duties. Each astronaut also has **maintenance** roles. On board the ISS, the environmental control and life support systems control elements such as atmospheric pressure, oxygen levels and water recycling. Often, maintaining these important controls involves working on the outside of the space station in a space suit. There is no day and night in space, so sleep is simply planned for when it is most convenient. Daily routines should allocate eight hours for sleeping. Most of the time, however, astronauts will normally sleep for around six, as they often have so much work to do. Another important part of spending any long period in space is getting the right amount of exercise so that the bones and muscles can stay strong. On Earth human beings are always moving against the force of gravity, with the bones and muscles supporting the body. In space there is no gravity so the bones and muscles weaken very quickly.

Choose the correct answer a, b or c: (12 marks)

8. Each astronaut carries out of tasks.
a. one-type b. miscellaneous c. single type types
9. Astronauts must allocate time for their
a. main duties and responsibilities
b. physical fitness
c. both a & b

Match two of the underlined words from the text to the definitions below: (12 marks)

10. competent, capable
11. the process of preserving something

Complete the following sentences with information from the text: (12 marks)

12. In order to protect their bones and muscles astronauts have to.....
13. Astronauts frequently need to work on the outside of the space station in a space suit to

III- Complete the following paragraph by filling in the gaps: (18 marks)

14. the beginning of October, the government decided that the island was no longer safe.
15. The whole population of 268 people evacuated to a nearby island.
16. ship picked them up and took them to South Africa.

IV- Fill in the spaces with words from the list. Use each word once only: (24 marks)

weaker -mad-such- sad- these

17. A woman brought Pasteur her son who had been bitten by a dog.
18. In those days, a bite meant a slow and painful death.
19. Pasteur made a..... form of the same germ.
20. He put weak germs into the boy's body fourteen times and he lived!

V- Complete the following dialogue by writing suitable questions or answers. Write at least three words for each question: (32 marks)

21. A:?
B: "Law" is a set of rules.
22. A:?
B: Laws have to organize people's lives.
23. A:?
B: Police and judges make sure that people obey the law.
A: What would happen if there were no laws?
24. B:

VI- Rewrite the following sentences as required in brackets: (32 marks)

25. He's lost his keys. (find his keys)
(use I wish)
26. We've **faced** serious problems in our plan to recycle rubbish.
(use a three-part phrasal verb)
27. Ahmed went to the airport. He met his brother, Khaled. **join using (in order to)**
28. They've **said yes** to the building of a new incinerator. (use a color idiom)

VII- Complete the following sentences using clauses: (14 marks)

29. Ranchers are cutting down forests because.....
30. While I was on holiday,

VIII- Choose the correct word in brackets: (18 marks)

31. Unemployment is falling as more people find (**permanent-permanently**) work.
32. In my city, the council is (**going along with-running out of**) space for new houses.
33. Scientists are worried about climate change (**because-so that**) it is a threat to life on Earth.

IX- Correct the verbs in brackets: (18 marks)

34. Tareq (**play**) when he sprained his ankle.
35. If I had enough time, I (**go**) shopping with you.
36. In recent years, migration into Europe and Russia (**increase**) sharply.

X- Translation:

37. Translate the following sentence into Arabic: (10 marks)

- All theories must be tested against observations in the natural world.

38. Translate the following sentence into English: (8 marks)

- أدت المجاعة الى موت الآلاف من الناس في ايرلندا في القرن التاسع عشر.

XI- Composition: (50 marks)

Write a composition of no less than 80 words on the following topic:

Write a set of recommendations to improve life in your city or country.

End of Questions