

**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. A proportion of the population may survive by moving, but others may die because of shortages of food and water. 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.

Answer the following questions: (18 marks)

1. What prevents the top layer of soil from eroding?
2. When can't the land be used for growing food or grazing animals?
3. How many people worldwide suffer from desertification?

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

4. to overuse land for growing crops
5. lack in the amount needed or expected

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

6. In order to survive desertification, people dig deep water wells in dry areas.
7. The problem of desertification is falling and it happens in wet areas where the climate is moderate.

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

The modern world is defined by IT, or Information Technology. The term 'Information Technology' emerged in the 1970s, but it can in fact be traced back to World War II, when the military and early computer specialists worked together to develop electronics, computers and information theory. Information Technology has a broad remit encompassing the design, development, implementation and management of computer-based information systems; particularly software applications and computer hardware. In short, IT deals with the use of computers and computer software to **convert**, store, process, transmit and retrieve information securely. IT comprises various disciplines: Data Management, Computer Networking, Software and Computer Engineering are all crucial components. In recent years, the field has **ballooned** through advances in computer applications and the Internet, to include mobile telephones, computer games and video technology as well as new ways of sharing, processing and storing information electronically. The abbreviation ICT – Information and Communication Technology – which refers explicitly to electronic communication, is thus an increasingly familiar term. In a matter of decades, computers have developed from large, bulky machines to highly sophisticated devices that fit in the **palm** of your hand. Computers are evolving as rapidly as the ways in which people use them.

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

8. The development in computer applications and the Internet has helped IT to
a. expand b. deteriorate c. fall
9. Modern computers are in size compared to the old ones.
a. smaller b. larger c. similar

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

10. the inner side of your hand between your wrist and fingers
11. to change from one form to another

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

12. Computers are developing according to
13. Computer software is used by IT to

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

14. Sand gazelles eat around 6 kg of plants per day around a third of overall bodyweight.
15. They drink 3 litres of water per day and in the hottest season dig shallow pits lie on the cooler soil.
16. The sand gazelle is in danger of extinction, mainly due habitat loss and hunting.

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

contained-separate-honours-radium-ill

17. For four years, Marie and Pierre tried experiments to this powerful new element.
18. Then they found something which they called
19. Its power was very much greater than the power in other elements.
20. The Curies were given the Nobel Prize for their great discovery, but they were too to go to Stockholm themselves to receive it.

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

21. A:?
B: I was ten when my parents left our island.
22. A:?
B: We left because the volcano erupted.
23. A:?
B: We stayed away from the island for two years.
24. A: Why do people leave their home countries?
(mention two reasons)
B:

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

25. He's lost his keys. use **I wish + find**
26. Camouflage protects sand gazelles from predators. (**passive voice**)
27. People write things in their diaries. They don't want to forget important things.
join using (in order not to)
28. Khaled has a very good English accent.
(Express possibility)

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

29. Forests were cut down so that
30. Tarek wants to be a teacher when

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

31. Some human activities are (**destroying-destruction**) the natural world.
32. We thought the restaurant bill was too high, but it seems the waiter had (**overcharged-undercharged**) us.
33. Turnips grow (**on-under**) the ground.

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

34. I (**dream**) of visiting China for many years. Last year I spent two months there.
35. I (**not see**) you this week. What have you been doing?
36. The rainforest of the Amazon region of Brazil in South America (**cover**) five percent of the world's land surface.

X- Translation:

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

- All the crew are trained in stitching up wounds and in emergency resuscitation after a heart attack.

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

- تستخدم نباتات الصبار أشواكها الحادة لحمايتها من أعدائها.

XI- Composition: (50 marks)

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

Write an essay including arguments for and against protecting wild animals.

End of Questions

