

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

The rainforest of the Amazon region of Brazil in South America covers five percent of the world's land surface and is home to at least 30 percent of the world's animals and plants. The area is also the home of 220,000 people from about 180 different tribes who live deep in the forest. The rainforest itself is an important environment but, because of its size and location, it also plays a vital part in controlling the world's climate. It does this by taking in carbon dioxide and releasing oxygen. Recently, however, large areas of the Amazon rainforest have been cut down to make more land for farmers. Much of this destruction, which leaves the land dry and dusty, is illegal. Farmers use most of the new land to grow soya beans, which they export to other parts of the world to be used as animal food.

Millions of chickens in western European countries are fed on South American soya beans. Increasingly, some soya beans are also being turned into food for human consumption. Other areas of the rainforest are cleared by ranchers who use the land for their cattle, by loggers who sell the valuable tropical hardwood from the trees they cut down, or by oil companies who are trying to find more oil. These activities help to improve the economy of the region, but at the expense of the future of the global environment. In addition to destroying ancient forests and changing the world's climate, deforestation is having a devastating effect on native populations who are dependent on the rainforest for everything they need, from food and tools to medicines and shelter.

Answer the following questions: (18 marks)

1. Why does the Brazilian Amazon rainforest have such a crucial role in controlling the world's climate?
2. Who is cutting down trees in the Amazon rainforest? Mention four.
3. When is the land left dry and dusty?

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

4. affecting the whole world
5. very destructive

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

6. Soya beans are good only for animal consumption.
7. Loggers use cleared land to find more oil.

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

The burning of solid waste is called **incineration**. This process has some advantages over landfills. Incinerators take up less space and do not pollute groundwater. The heat produced by burning solid waste can be used to generate electricity. Unfortunately, incinerators also have disadvantages. For example, they release some pollution into the air. And although incinerators reduce the volume of waste by as much as 90 percent, some waste still remains, and this has to be disposed of somewhere. Incinerators also cost much more money to build than landfills.

The process of reclaiming raw materials and reusing them is called recycling. Recycling reduces the volume of solid waste. Recycling also saves the energy needed to obtain and process raw materials. Most recycling involves four main categories of product: metal, glass, paper and plastic.

Recycling glass is easy and inexpensive. Glass pieces can be melted down over and over again to make new glass containers. The recycled pieces **melt** at a lower temperature than the raw materials. Therefore less energy is required. Recycling glass also reduces the environmental damage caused by mining the raw materials that are used to make glass.

About 17 trees are needed to make one metric ton of paper. Paper **mills** turn wood into a thick liquid called pulp. Pulp is spread out and dried to produce paper. Pulp can also be made from used paper, such as old newspapers. Most paper products can only be recycled a few times. Recycled paper is not as smooth or as strong as paper made from wood pulp. Each time paper is recycled, the new paper is rougher, weaker and darker.

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

8. Processing raw materials requires..... energy than recycling used materials.
a. less b. more c. the same
9. Dark paper is paper made from material.
a. raw b. recycled c. both a & b

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

10. to become a liquid by heating
11. destruction of something by burning, such as waste

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

12. Incineration is not 100 percent environment friendly because.....
13. Pulp can be made from.....

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

14. I went into my brothers' bedroom,
15. I found Tareq staring out of window watching the storm.
16. Our younger brother Hani was still sleeping peacefully. Luckily, he been woken by the noise of the wind and rain.

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

swings - end - let - lamps - father's

17. Galileo gave his father one rope to hold at the with the weight.
18. He held the other rope higher than his
19. They go of the weights at the same time
20. and then counted the number of backwards and forwards.

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 have always wanted to live in the city.
22. A: ?
B: I was thirteen when I came to live in the city.
23. A: ?
B: No, I had no friends or relatives in the city.
24. A: What are some of the disadvantages of living in the city?
B:

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

25. Our city doesn't collect rubbish often enough. (use wish)
26. Ice in the polar areas is melting. Climate change is causing global warming.
join using (so that)
27. The rules clearly say that we must not leave rubbish outside our homes. Look, it's **printed here**. (use a color idiom)
28. Scientists have just **discovered** a new way of reprocessing plastic. (use a three-part phrasal verb)

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

29. Some people are moving to greener areas so that
30. People would commit crime if

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

31. Many people believe that the worst crimes are murder and other (**violent- violence**) acts.
32. Some people are moving out of their homes on the coast (**because - in order to**) escape future floods.
33. The price of (**society-property**) in the city has increased dramatically this year.

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

34. My brother (**work**) in the same factory since he graduated.
35. James was very nervous when he arrived at the airport. He (**never fly**) before.
36. During the period 1970–2000, the number of migrants in the world (**rise**) from 82 million to 175 million.

X- Translation:

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

- The environmental control and life support systems control elements such as atmospheric pressure, oxygen levels and water recycling

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

- كان كل شئ يسير على ما يرام حتى واجهتهم مشكلة غير متوقعة.

XI- Composition: (50 marks)

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

Write a reply to an e-mail on water shortage, suggesting ways of consuming less water.

End of Questions