

Questions 1–3

Complete the sentences below.

Choose **NO MORE THAN TWO WORDS AND/OR A NUMBER** from the passage for each answer.

Write your answers in boxes 1–3 on your answer sheet.

Urban farming in Paris

- 1 Vertical tubes are used to grow strawberries, and herbs.
- 2 There will eventually be a daily harvest of as much as in weight of fruit and vegetables.
- 3 It may be possible that the farm's produce will account for as much as 10% of the city's overall.

Questions 4–7

Complete the table below.

Choose **ONE WORD ONLY** from the passage for each answer.

Write your answers in boxes 4–7 on your answer sheet.

Intensive farming versus aeroponic urban farming			
	Growth	Selection	Sale
Intensive farming	<ul style="list-style-type: none">• wide range of 4 used• techniques pollute air	<ul style="list-style-type: none">• quality not good• varieties of fruit and vegetables chosen that can survive long 5	<ul style="list-style-type: none">• 6 receive very little of overall income
Aeroponic urban farming	<ul style="list-style-type: none">• no soil used• nutrients added to water, which is recycled	<ul style="list-style-type: none">• produce chosen because of its 7	

Questions 8–13

Do the following statements agree with the information given in Reading Passage 1?

In boxes 8–13 on your answer sheet, write

TRUE *if the statement agrees with the information*
FALSE *if the statement contradicts the information*
NOT GIVEN *if there is no information on this*

- 8 Urban farming can take place above or below ground.
- 9 Some of the equipment used in aeroponic farming can be made by hand.
- 10 Urban farming relies more on electricity than some other types of farming.
- 11 Fruit and vegetables grown on an aeroponic urban farm are cheaper than traditionally grown organic produce.
- 12 Most produce can be grown on an aeroponic urban farm at any time of the year.
- 13 Beans take longer to grow on an urban farm than other vegetables.

Questions 14–19

Reading Passage 2 has eight sections, **A–H**.

Which section contains the following information?

*Write the correct letter, **A–H**, in boxes 14–19 on your answer sheet.*

- 14 an explanation for weapons being left behind in the mountains
- 15 a reference to the physical difficulties involved in an archaeological expedition
- 16 an explanation of why less food may have been available
- 17 a reference to the possibility of future archaeological discoveries
- 18 examples of items that would have been traded
- 19 a reference to the pressure archaeologists are under to work quickly

Questions 20–22

Complete the summary below.

*Choose **ONE WORD ONLY** from the passage for each answer.*

Write your answers in boxes 20–22 on your answer sheet.

Interesting finds at an archaeological site

Organic materials such as animal skins and textiles are not discovered very often at archaeological sites. They have little protection against **20** , which means that they decay relatively quickly. But this is not always the case. If temperatures are low enough, fragile artefacts can be preserved for thousands of years.

A team of archaeologists have been working in the mountains in Oppland in Norway to recover artefacts revealed by shrinking ice cover. In the past, there were trade routes through these mountains and **21** gathered there in the summer months to avoid being attacked by **22** on lower ground. The people who used these mountains left things behind and it is those objects that are of interest to archaeologists.

Questions 23 and 24

Choose **TWO** letters, **A–E**.

Write the correct letters in boxes 23 and 24 on your answer sheet.

Which **TWO** of the following statements does the writer make about the discoveries of Barrett's team?

- A Artefacts found in the higher mountain passes were limited to skiing equipment.
- B Hunters went into the mountains even during periods of extreme cold.
- C The number of artefacts from certain time periods was relatively low.
- D Radiocarbon dating of artefacts produced some unreliable results.
- E More artefacts were found in Oppland than at any other mountain site.

Questions 25 and 26

Choose **TWO** letters, **A–E**.

Write the correct letters in boxes 25 and 26 on your answer sheet.

Which **TWO** of the following statements does the writer make about the Viking Age?

- A Hunters at this time benefited from an increased demand for goods.
- B The beginning of the period saw the greatest growth in the wealth of Vikings.
- C Vikings did not rely on ships alone to transport goods.
- D Norwegian towns at this time attracted traders from around the world.
- E Vikings were primarily interested in their trading links with the Middle East.

Questions 27–30

Choose the correct letter, **A**, **B**, **C** or **D**.

Write the correct letter in boxes 27–30 on your answer sheet.

- 27 What does the reader learn about the conversation in the first paragraph?
- A The speakers are communicating in different languages.
 - B Neither of the speakers is familiar with their environment.
 - C The topic of the conversation is difficult for both speakers.
 - D Aspects of the conversation are challenging for both speakers.
- 28 What assists the electronic translator during lectures at Karlsruhe Institute of Technology?
- A the repeated content of lectures
 - B the students' reading skills
 - C the languages used
 - D the lecturers' technical ability
- 29 When referring to *The Hitchhiker's Guide to the Galaxy*, the writer suggests that
- A the Babel fish was considered undesirable at the time.
 - B this book was not seriously intending to predict the future.
 - C artificial speech translation was not a surprising development.
 - D some speech translation techniques are better than others.
- 30 What does the writer say about sharing earpieces?
- A It is something people will get used to doing.
 - B The reluctance to do this is understandable.
 - C The equipment will be unnecessary in the future.
 - D It is something few people need to worry about.

Questions 31–34

Complete each sentence with the correct ending, **A–F**, below.

Write the correct letter, **A–F**, in boxes 31–34 on your answer sheet.

- 31 Speech translation methods are developing fast in Japan
- 32 TV interviews that use translation voiceover methods are successful
- 33 Future translation systems should address people appropriately
- 34 Users may be able to maintain their local customs

- A** but there are concerns about this.
- B** as systems do not need to conform to standard practices.
- C** but they are far from perfect.
- D** despite the noise issues.
- E** because translation is immediate.
- F** and have an awareness of good manners.

Questions 35–40

Do the following statements agree with the views of the writer in Reading Passage 3?

In boxes 35–40 on your answer sheet, write

YES *if the statement agrees with the views of the writer*
NO *if the statement contradicts the views of the writer*
NOT GIVEN *if it is impossible to say what the writer thinks about this*

- 35 Language translation systems will be seen as very useful throughout the academic and professional worlds.
- 36 The overall value of automated translation to family life is yet to be shown.
- 37 Automated translation could make life more difficult for immigrant families.
- 38 Visual aspects of language translation are being considered by scientists.
- 39 International scientists have found English easier to translate into other languages than Latin.
- 40 As far as language is concerned, there is a difference between people's social and practical needs.