

TEST 01 - READING 01

NAME:.....

Reading



Academic Reading 60 minutes

Reading Passage 1

You should spend about 20 minutes on Questions 1–13, which are based on Reading Passage 1 on the following pages.

Questions 1–4

Reading passage 1 has five sections A–E.

Choose the correct heading for sections B–E from the list of headings below.

Write the correct number, i–viii, in boxes 1–4 on your answer sheet.

List of Headings

- i How the problem of land scarcity has been overcome in the past
- ii Various predictions about future solutions to a lack of space
- iii The effects of population growth on land availability
- iv The importance of the new British Library
- v An expanding population
- vi A description of a mega-city
- vii A firm belief that human habitation of outer space will occur
- viii The importance of having an international space station

Example
Section A

Answer
v

- 1 Section B
- 2 Section C
- 3 Section D
- 4 Section E

Space

Is humanity running out of space or will we find new frontiers?

As populations grow, people have to look for more innovative ways to provide space.

Section A

The world has changed dramatically since Thomas Malthus's work *An Essay on the Principle of Population*, first published in 1798, argued that by the mid 1800s the unrestricted expansion of the human population would outgrow the agricultural land available to supply humanity with food. Over 150 years have passed since this theoretical milestone, but mankind, admittedly somewhat more cramped, is still expanding and will continue to do so.

Section B

The impact of unfettered population growth is clear for all to see. Urbanization is now a more evident worldwide phenomenon than



previously as even greater numbers of people drift from rural areas to vast cities all over the world like Tokyo, Mexico City and Mumbai (26.4 million, 18.4 million and 18.1 million inhabitants in 2000 respectively) in their quest for a better life. These mega-cities, i.e. conurbations with an estimated population of more than 10 million people, are springing up in every continent. Now teeming with humanity, they are hungry for one increasingly valuable resource: land.

While developments in agricultural technology ensure humanity may be able, by and large, to feed the people flocking to these great metropolises, the expansion of the human race is fuelling an unprecedented appetite for real estate. Space, whether it be for personal or public use, corporate or national, human or flora/fauna, is now at a premium as we move into a new century. Not only is more land required for accommodation, but also for a wide range of infrastructure facilities. Transport systems including roads within and between cities need to be constructed or upgraded to create motorways; green fields are turned into airports; virgin forest is stripped to provide food and firewood. In poorer regions, this newly exposed land becomes desert, completing the cycle of destruction.

Section C

Hitherto, the most common practice for the utilization of expensive space for living and working has been to build upwards; hence, the demand for ever higher buildings, both apartment and commercial, in major cities like New York, Shanghai and Singapore all vying with each other for the tallest buildings. There has also been a tradition for building underground, not just for transport systems, but for the storage of waste, depositories for books etc. as in London, where The British Library housing millions of books has been built largely underground.

Recent years have seen more novel construction developments around the world. In the past, in many countries, Holland and the UK included, marshes and flood plains have been reclaimed from the sea. Like the city of Venice in Italy, housing complexes and even airports have now been constructed off-shore to amazing effect. In Japan, Kansai International Airport has been built off-shore on a man-made island at vast expense and in Dubai a very imaginative and expensive housing complex in the shape of a palm tree is being built just off the coast on land created by a construction company. However, these and other developments are at risk from rising sea levels as a consequence of global warming.

Section D

But where will the human race go when planet earth is full? There have been many theories put forward about the human population moving to outer space. Marshall Savage (1992, 1994), for example, has projected that the human population will reach five quintillion throughout the solar system by the year 3000, with the majority living in the asteroid belt. Arthur C Clarke, a fervent supporter of Savage, now argues that by the year 2057 there will be humans on the Moon, Mars, Europa, Ganymede, Titan and in orbit around Venus, Neptune and Pluto. Freeman Dyson (1999) favours the Kuiper belt as the future home of humanity, suggesting this could happen within a few centuries.

Section E

Habitation in outer space in huge stations is no longer just a dream, but a reality. A permanent international space station now orbits the earth. The first commercial tourist recently went into outer space with more trips planned for the near future. This is only a beginning, but the development of space hotels is not far-off. There is no knowing where mankind may end up. But the ideas about off-world habitation are not fanciful and I am sure I am not alone in fantasizing about summer holidays spent watching the moons rising in some far-flung planet or on a floating hotel somewhere on the Andromeda nebula.

Questions 5–8

Complete the sentences below.

Choose **NO MORE THAN TWO WORDS** from the passage for each answer.

Write your answers in boxes 5–8 on your answer sheet.

- 5 The movement of rural people to cities is a
- 6 Land is now a very , as a result of the growing demand for space.
- 7 The feeding of the human race will perhaps be guaranteed by changes in
- 8 Besides the demands of accommodation, land is needed for various

Questions 9–13

Do the following statements agree with the claims of the writer in Reading Passage 1?

In boxes 9–13 on your answer sheet write

YES if the statement reflects the claims of the writer
NO if the statement contradicts the claims of the writer
NOT GIVEN if it is impossible to say what the writer thinks about this

- 9 The destruction of land for food and firewood is linked to desertification.
- 10 Shortage of space has also led to underground building construction.
- 11 The building of the airport in Japan cost much more than that of the housing complex in Dubai.
- 12 Arthur C Clarke was the only person to predict that mankind will inhabit other parts of the solar system.
- 13 The concept of the habitation of outer space by mankind is unimaginable.

Before you check your answers to Reading Passage 1, go on to pages 19–20.

Further practice for Reading Passage 1

The questions below help you make sure that you have chosen the correct answers for questions 1–4 in Reading Passage 1.

Title

Look at the title of the passage and answer the following questions.

1 Does the title give you information about a problem?

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2 Can you predict the contents of the article?

.....

3 Does the title contain a cause and effect?

.....

Section A and example

Look at Section A and the example answer. Answer these questions.

1 Do you think it is important to look at the example?

.....

2 Does the introduction describe a problem?

.....

3 Is the word *cramped* at the end of the paragraph positive?

.....

4 In the rest of the article, do you expect to see effects and solutions?

.....

Question 1

Look at Section B and answer these questions.

1 Does section B describe the effects of section A?

.....

2 Does the section contain words related to effect?

.....

3 Does the first paragraph relate to effects and the second to solutions?

.....

Question 2

Look at Section C and answer these questions.

1 Does the section talk about the future? Look at the tenses, adverbs of time and nouns.

.....

2 Does the section contain causes?

.....

3 Does the section contain different ways used to solve the problem of the lack of space?

.....

Question 3

Look at Section D and answer these questions.

- 1 Does the section talk about the future? Look at the tenses and time phrases.

- 2 Is the time clear without reading the paragraph in detail?

- 3 Is the section about predictions?

Question 4

Look at Section E and answer these questions.

- 1 Is the section only about the space station?

- 2 Are there words and phrases connected with certainty?

- 3 Does the section tell you what the writer believes?

- 4 Read the titles for sections A to E. Do they fit together?

Now check your answers to these exercises. When you have done so, decide whether you wish to change any of your answers to Reading Passage 1 on pages 15 and 18. Then check your answers to Reading Passage 1.