

### SECTION 3      *Questions 27-40*

*Read the passage on the following pages.*

#### ***Question 27***

*From the list below choose the most suitable title for the whole of the Reading Passage. Write the appropriate letter **A-D** in box 27 on your answer sheet.*

- A    Pollution control in coal mining
- B    The greenhouse effect
- C    The coal industry and the environment
- D    Sustainable population growth

#### ***Questions 28-31***

*The Reading Passage has four sections **A-D**.*

*Choose the most suitable heading for each section from the list of headings below. Write the appropriate numbers **i-viii** in boxes 28-31 on your answer sheet.*

List of Headings	
<b>i</b>	Global warming
<b>ii</b>	The dangers of the coal industry
<b>iii</b>	Superclean coal
<b>iv</b>	Environment protection measures
<b>v</b>	Coal as an energy source
<b>vi</b>	Coal and the enhanced greenhouse effect
<b>vii</b>	Research and development
<b>viii</b>	Mining site drainage

- 28    Section **A**
- 29    Section **B**
- 30    Section **C**
- 31    Section **D**

**Questions 32-36**

Choose the appropriate letters **A-D** and write them in boxes 32-36 on your answer sheet.

- 32 The global increase in greenhouse gases has been attributed to  
A industrial pollution in developing countries.  
B coal mining and electricity generation.  
C reduced rainfall in many parts of the world.  
D trends in population and lifestyle.
- 33 The proportion of all greenhouse gases created by coal is approximately  
A 14 per cent.  
B 18 per cent.  
C 27 per cent.  
D 90 per cent.
- 34 Current research aims to increase the energy-producing efficiency of coal by  
A burning it at a lower temperature.  
B developing new gasification techniques.  
C extracting CO<sub>2</sub> from it.  
D recycling greenhouse gases.
- 35 Compared with ordinary coal, new, 'clean' coals may generate power  
A more cleanly and more efficiently.  
B more cleanly but less efficiently.  
C more cleanly but at higher cost.  
D more cleanly but much more slowly.
- 36 To control dust at mine sites, mining companies often use  
A chemicals which may be toxic.  
B topsoil taken from the site before mining.  
C fresh water from nearby dams.  
D runoff water containing sediments.

**Questions 37-40**

*Do the following statements reflect the opinions of the writer in the Reading Passage?*

*In boxes 37—40 on your answer sheet write*

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

- 37 The coal industry should be abandoned in favour of alternative energy sources because of the environmental damage it causes.
- 38 The greatest threats to the environment are the gases produced by industries which support the high standard of living of a growing world population.
- 39 World population in the twenty-first century will probably exceed 8 billion.
- 40 CFC emissions have been substantially reduced in recent years.