

READING PASSAGE 3

You should spend about 20 minutes on **Questions 29-40** which are based on Reading Passage 3 on the following pages.

Questions 29-33

Reading Passage 3 has seven paragraphs **A-G**.

Choose the most suitable headings for paragraphs **C-G** from the list of headings below.

Write the appropriate numbers *i-x* in boxes 29-33 on your answer sheet.

List of Headings	
i	The Crick and Watson approach to research
ii	Antidotes to bacterial infection
iii	The testing of hypotheses
iv	Explaining the inductive method
v	Anticipating results before data is collected
vi	How research is done and how it is reported
vii	The role of hypotheses in scientific research
viii	Deducing the consequences of hypotheses
ix	Karl Popper's claim that the scientific method is hypothetico-deductive
x	The unbiased researcher

<i>Example</i>	Answer
Paragraph A	ix

29 Paragraph C

30 Paragraph D

31 Paragraph E

32 Paragraph F

33 Paragraph G

Test 1

Questions 34 and 35

In which **TWO** paragraphs in Reading Passage 3 does the writer give advice **directly** to the reader?

Write the **TWO** appropriate letters (**A—G**) in boxes 34 and 35 on your answer sheet.

Questions 36-39

Do the following statements reflect the opinions of the writer in Reading Passage 3?

In boxes 36-39 on your answer sheet write

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

- 36 Popper says that the scientific method is hypothetico-deductive.
37 If a prediction based on a hypothesis is fulfilled, then the hypothesis is confirmed as true.
38 Many people carry out research in a mistaken way.
39 The 'scientific method' is more a way of describing research than a way of doing it.

Question 40

Choose the appropriate letter **A-D** and write it in box 40 on your answer sheet.

Which of the following statements best describes the writer's main purpose in Reading Passage 3?

- A** to advise Ph.D students not to cheat while carrying out research
B to encourage Ph.D students to work by guesswork and inspiration
C to explain to Ph.D students the logic which the scientific research paper follows
D to help Ph.D students by explaining different conceptions of the research process