

READING

READING PASSAGE 1

You should spend about 20 minutes on **Questions 1-14** which are based on Reading Passage 1 on the following pages.

Questions 1-4

Reading Passage 1 has six paragraphs **A-F**.
Choose the most suitable headings for paragraphs **B-E** from the list of headings below.
Write the appropriate numbers **i-ix** in boxes 1—4 on your answer sheet.

List of Headings	
i	How the reaction principle works
ii	The impact of the reaction principle
iii	Writers' theories of the reaction principle
iv	Undeveloped for centuries
v	The first rockets
vi	The first use of steam
vii	Rockets for military use
viii	Developments of fire
ix	What's next?

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

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

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

Questions 5 and 6

Choose the appropriate letters **A-D** and write them in boxes 5 and 6 on your answer sheet.

- 5 The greatest outcome of the discovery of the reaction principle was that
A rockets could be propelled into the air.
B space travel became a reality.
C a major problem had been solved.
D bigger rockets were able to be built.
- 6 According to the text, the greatest progress in rocket technology was made
A from the tenth to the thirteenth centuries.
B from the seventeenth to the nineteenth centuries.
C from the early nineteenth to the late nineteenth century.
D from the late nineteenth century to the present day.

Questions 7-10

From the information in the text, indicate who **FIRST** invented or used the items in the list below.

Write the appropriate letters **A-E** in boxes 7-10 on your answer sheet.

NB You may use any letter more than once.

Example	Answer
rockets for displays	A

- 7 black powder
- 8 rocket-propelled arrows for fighting
- 9 rockets as war weapons
- 10 the rocket launcher

FIRST invented or used by
A the Chinese
B the Indians
C the British
D the Arabs
E the Americans

Test 1

Questions 11-14

Look at the drawings of different projectiles below, **A-H**, and the names of types of projectiles given in the passage, **Questions 11-14**. Match each name with one drawing.

Write the appropriate letters **A-H** in boxes 11-14 on your answer sheet.

Example	Answer
The Greek 'pigeon of Archytas'	C

- 11 The Chinese 'basket of fire'
- 12 The Arab 'egg which moves and burns'
- 13 The Indian rocket
- 14 The British barrage rocket

