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11+ Practice Test

Sample Paper

Please read the following information:

1. **Do not open this booklet until you are instructed to do so.**
2. There are 3 sections in this test.
3. Each section is individually timed. The number of questions and the amount of time you have are detailed at the beginning of each section.
4. Once the time is up you will not be allowed to return to that section and you will have to move on to the next section.
5. **You will have 10 minutes in total to answer the questions.**
6. This is a multiple choice test and you must record your answers on the multiple choice answer sheet provided.
7. Attempt as many questions as you can. Work as carefully and as quickly as you can.
8. Any rough working should be completed on rough paper.

Bradley Books

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Section 1 Comprehension

You have 6 minutes to complete 4 questions

Read the passage below, then answer the questions that follow

Mount Vesuvius

Mount Vesuvius is a stratovolcano in the Gulf of Naples, Italy, about 9 km east of Naples and a short distance from the shore. It is one of several volcanoes which form the Campanian volcanic arc. Vesuvius consists of a large cone partially surrounded by a rock formation, which was created when a much larger structure collapsed after an eruption.

Mount Vesuvius is best known for its eruption in AD 79 that led to the burying and destruction of the Roman cities of Pompeii, Herculaneum, and several other settlements. That eruption ejected clouds of stones, ash, and fumes to a height of 33 km, spewing molten rock at the rate of 1.5million tons per second, ultimately releasing a hundred thousand times the thermal energy released by the Hiroshima bombing. An estimated 16,000 people died due to the eruption. Thousands of deaths were caused by hot lava flowing into the settlement and a few others died from breathing in contaminated air. The only surviving eyewitness account of the event consists of two letters by a lawyer to a local historian. Certain historians have questioned the authenticity of the accounts on the basis that the recipient was a historian who may have elaborated what happened after receiving the letters.

Vesuvius has erupted many times since and is the only volcano on the European mainland to have erupted within the last hundred years. Today, it is regarded as one of the most dangerous volcanoes in the world because of the population of 3,000,000 people living nearby and its tendency towards explosive eruptions. It is the most densely populated volcanic region in the world. A geology expert has made predictions that up to a quarter of the local population could die if the volcano were to erupt again.

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Go to the next page.

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1 Where is Mount Vesuvius located?

a. In the Gulf of Italy, towards the centre of the country
b. West of Naples, Italy
c. In Italy, near the coast
d. In the north of Spain, near the shore

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2 How many cities and settlements were destroyed by the 79 AD eruption?

a. Two major cities and three settlements
b. One major city and a few more settlements
c. Three cities
d. It is impossible to tell from the text

---

3 How much molten rock would have been released on average, per minute after the eruption?

a. 90 million tons
b. 1.5 million tons
c. 45 million tons
d. 60 million tons

---

4 Why do some historians doubt the accounts provided by the lawyer and the historian?

a. They feel these people did not even live in Italy
b. They feel that the historian may have exaggerated what happened
c. They feel the lawyer was lying about what happened
d. They feel that the accounts are too old to believe

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Wait until you are told to move on.

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Section 2 Short Maths

You have 2.5 minutes to complete 4 questions

1 An investor put £1600 into a fund. After year one his investment increased by £1440. After year two the investment was worth 3.5 times more than at the end of year one. How much was the investment worth at the end of year two?

A	B	C	D	E
£10,640	£3040	£7035	£11,735	£8750

---

2 Jenny was set some homework to complete at Bradley Tuition. She completed ⅓ on Monday, ¼ on Wednesday and the rest on Friday. What fraction of her homework did she complete on Friday?

A	B	C	D	E
$\frac{7}{12}$	$\frac{5}{12}$	$\frac{1}{6}$	$\frac{11}{12}$	$\frac{1}{3}$

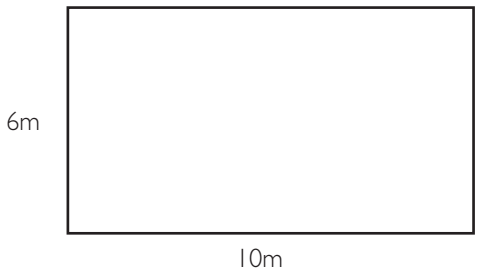
---

3 Marissa takes an hour and ten minutes to complete the cross country course. It takes Alena 10% longer to complete the course. How long does it take Alena?

A	B	C	D	E
7 mins	1hr 24 mins	1hr 20 mins	1hr 17 mins	1hr 4 mins

---

4 It takes four boxes of tiles to cover an area of $10m^2$. How many boxes would it take to cover the floor below?



A	B	C	D	E
36	12	18	24	6

Wait until you are told to move on.

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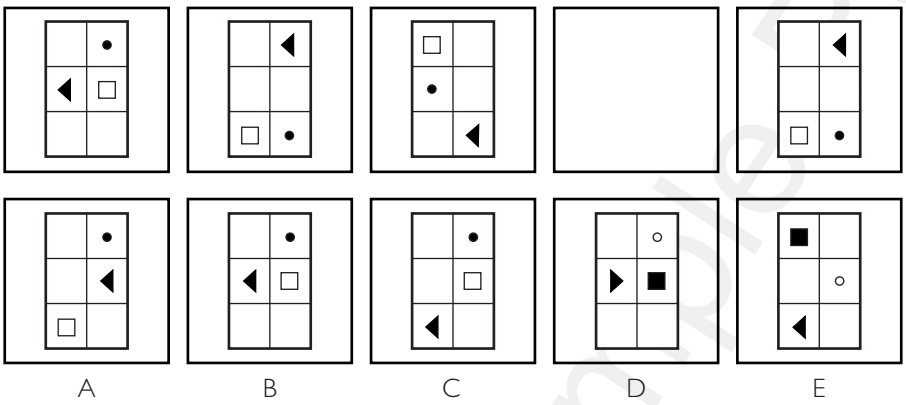
Section 3 Non Verbal Reasoning

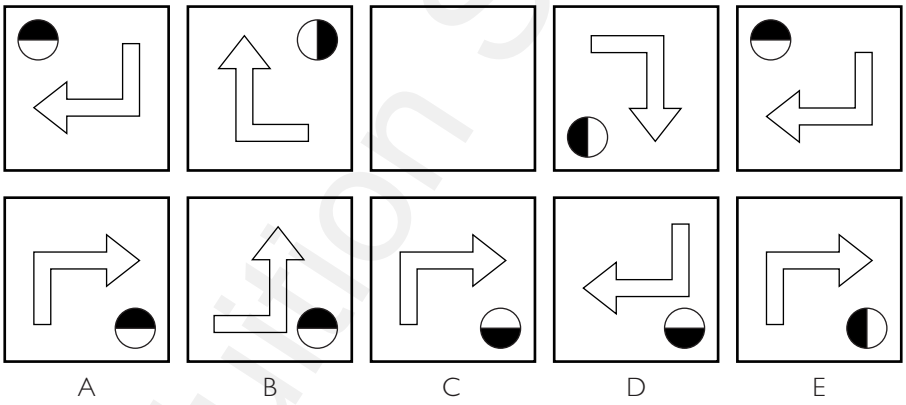
You have 1.5 minutes to complete 3 questions

Select the option that completes the series.

1



2



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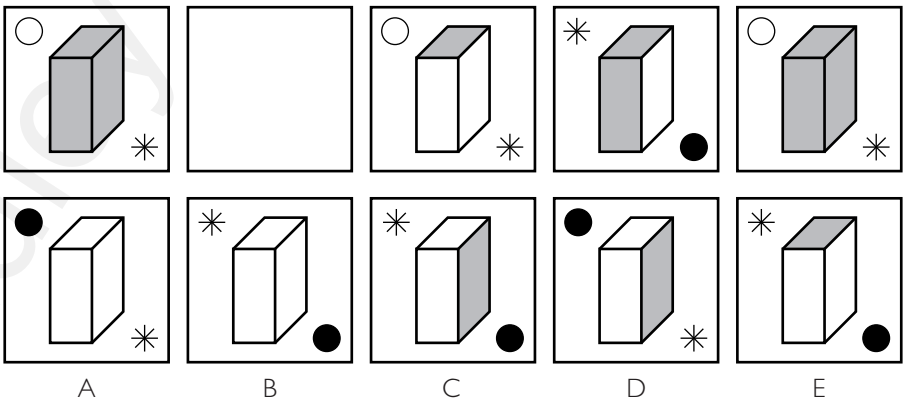

This is the end of the test.

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