Sample Test

MATHS

11+

Read the instructions carefully.

- Allow 50 minutes to do this test.

- Allow 10 minutes to do Section A. There are 30 Questions in this section.

- Allow 25 minutes to do Section B. There are 30 Questions in this section.

- Work as quickly and as carefully as you can.

- Write your answers in the spaces provided in this booklet.

- Each question will tell you whether to write an answer or ring the correct answer from the options given.

- You may do rough working on a separate sheet of paper.

PRACTICE TEST: MATHS

SECTION-A: Quick Maths

You have **10 minutes** to complete this section.

There are **30 questions** in this section.

1. Calculate the mean of these numbers. 8, 12, 6, 18, 16

1

A	B	C	D	E
14	10	16	12	8

2. What is the mode for these numbers? 5, 5, 7, 10, 15, 15, 5, 7, 2, 5, 8, 20

1

A	B	C	D	E
5	10	15	20	7

3. On Sunday I spent 90 minutes on my DT project, and 35 minutes on my English homework. On Monday evening I spent a total 0f 70 minutes on my homework. What is the difference between the I spent on homework on Sunday and Monday evening?

1

A	B	C	D	E
125	55	45	100	35

4.   A runner ran a 400 m race in 1 min 35 sec. Calculate his average speed in m/sec to 2d.p.

1

A	B	C	D	E
6.56m/s	2.21m/s	4.21m/s	5.12m/s	5.42m/s

5. A watch is bought for £85 and then sold at a later date for £102. Work out the percentage profit made on the sale of the watch, to the nearest whole number**.**

1

PRACTICE TEST: MATHS

A	B	C	D	E
20%	12%	10%	22%	8.5%

6. The 8th multiple of a number is equal to the sum of prime factor of 42 multiplied by 6. what is the value of that number?

1

A	B	C	D	E
10	12	7	9	8

7. These numbers represent the number of people that attended a particular church every Sunday for 8 weeks: 52, 36, 41, 27, 63, 48, 25, 68. Find the mean.

1

A	B	C	D	E
52	62	45	48	68

8. Monire has 24 coins. He gives his friend $\frac{3}{4}$ of them. Then he gives $\frac{2}{3}$ of the rest to his sister. How many coins does he have left?

1

A	B	C	D	E
8	10	2	7	5

9. Hanna's aeroplane left 5 mins early from Jenland 09:16 and it arrived in Kingood 6 mins late, at 11:53. If the aeroplane had left and arrived on time, how long would have the journey taken?

1

A	B	C	D	E
146min	100min	90min	221min	180min

10. An airplane flies with a constant speed of 600 km/h. How long will it take to travel a distance of 2400 kilometers?

1

A	B	C	D	E
1hr	2hrs	3hrs	4hrs	3 hrs and

11. What number comes next

$$1, 3, 6, 10, 15, \underline{\quad}$$

1

A	B	C	D	E
18	9	20	12	21

ANSWERS

SECTION 1	SECTION 2	SECTION 3	SECTION 4	SECTION 5
1) 12	1)	1)	1)	1)
2) 5	2)	2)	2)	2)
3) 55	3)	3)	3)	3)
4) 4.21 m/s	4)	4)	4)	4)
5) 20%	5)	5)	5)	5)
6) 9	6)	6)	6)	6)
7) 45	7)	7)	7)	7)
8) 2	8)	8)	8)	8)
9) 146 min	9)	9)	9)	9)
10) 4 Hrs	10)	10)	10)	10)
11) 21	11)	11)	11)	11)
12)	12)	12)	12)	12)