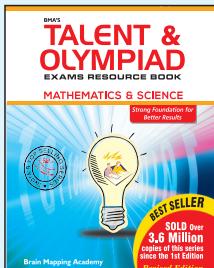


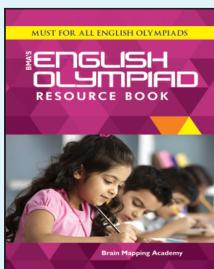
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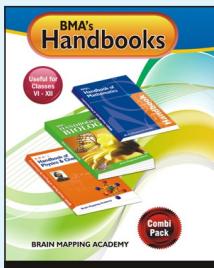
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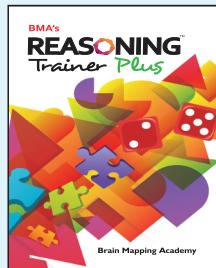
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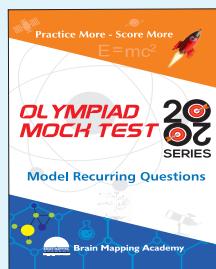
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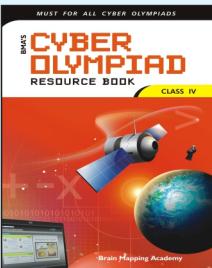
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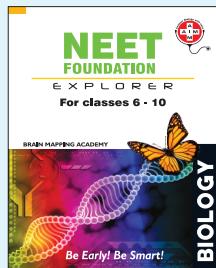
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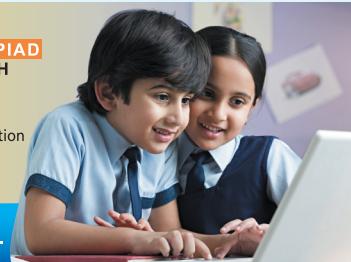
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Class 5

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Hall Ticket No._____

Questions : 50

Time : 60 minutes

INSTRUCTIONS

Read all instructions carefully before attempting any question.

- Ensure that the 'Class' printed here and inside, is the same as the test you are appearing for.
- You must complete the paper within the time allotted.
- Do not open this question paper until you are permitted to.
- You are not allowed to use a calculator.
- Figures herein are not to scale. Hence, you cannot depend on the estimate of size or measurement. Use your knowledge of the subject.
- Rough work shall be carried out only in the space provided for the same throughout this booklet. No separate sheets are allowed for the same.
- Return your answer sheet to the invigilator soon after completion and before leaving the examination hall. Take the question paper with you.
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Class – 5

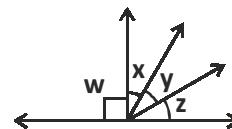
Mathematics

Questions from 1 to 35 are single answer questions, darken the correct option as your answer in the OMR sheet provided. Each carries 1 mark.

- 01** There are 25 fishes in a fish tank. 7 of them are guppies. What percentage of the fish in the fish tank are guppies ?

(A) 7% (B) 14% (C) 28% (D) 72%

- 02** In the given figure, if $\angle x = \angle y = \angle z$, find the sum of $\angle w$ and $\angle x$.



(A) 120° (B) 60° (C) 90° (D) 180°

- 03** A number is bigger than 12, but smaller than 25. It is a common multiple of 3, 4 and 6. Find the number.

(A) 12 (B) 18 (C) 24 (D) 72

- 04** Gopi started working on a project at 13:30. He worked for 1 h 50 min and then took a break. He then continued to work for 2 h 5 min and finished his work at 18:05. How long was his break ?

(A) 50 minutes (B) 45 minutes
(C) 30 minutes (D) 40 minutes

Space for Rough work

- 05** A piece of ribbon 39.6 m long is cut into 300 equal pieces to make bows. What is the length of ribbon used to make a bow ? Give your answer in centimetres.

(A) 13.2 cm (B) 13 cm
(C) 14 cm (D) 14.5 cm

- 06** What are the last three digits of the answer to the calculation below ?

$$123 \times 124 \times 125 \times 126 \times 127$$

(A) 000 (B) 222
(C) 444 (D) 666

- 07** Which statement is correct ?

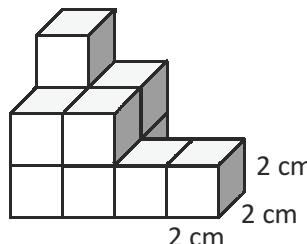
(A) $\frac{15}{24} = \frac{1 \times 5}{2 \times 4}$	(B) $\frac{24}{35} = \frac{2 \times 4}{3 \times 5}$
(C) $\frac{33}{46} = \frac{3 \times 3}{4 \times 6}$	(D) $\frac{42}{57} = \frac{4 \times 2}{5 \times 7}$

- 08** Saketh and his family drink 7040 ml of water a day. If they drink the same amount of water every day, how many litres of water do they drink in 5 days ?

(A) 35.2 ml (B) 35 ml
(C) 32 ml (D) 30 ml

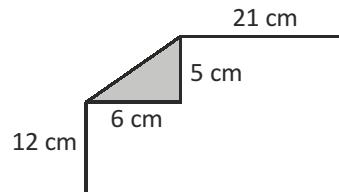
Space for Rough work

- 09** What is the total volume of the smallest number of cubes that must be added to make the given figure a cuboid?



- (A) 104 cm^3 (B) 64 cm^3
 (C) 27 cm^3 (D) 13 cm^3

- 10** A rectangle sheet of paper is folded at the corner as shown. Find the area of the unshaded part.



- (A) 429 cm^2 (B) 429 cm^3
 (C) 429 cm (D) 429 m

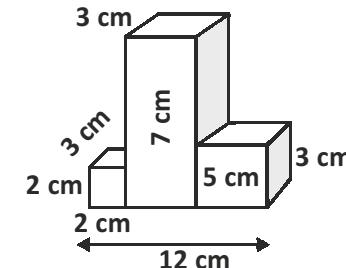
- 11** My dog snooze for 40 minutes in each hour. For how many hours a day does my dog snooze?
 (A) 15 (B) 10 (C) 18 (D) 16

Space for Rough work

- 12** A farmer had 30 cows and 40 goats. He sold 15 cows. Find the ratio of the number of cows to the number of cows and goats the farmer had in the end.

- (A) $3 : 10$ (B) $4 : 11$
 (C) $3 : 11$ (D) $4 : 10$

- 13** Observe the given solid.



Find its volume.

- (A) 48 cm^3 (B) 68 cm^3
 (C) 72 cm^3 (D) 162 cm^3

- 14** Rashmi plants a row of five roses stretching 60 cm, equally spaced in a straight line. How long is the space between two roses?

- (A) 5 cm (B) 10 cm
 (C) 12 cm (D) 15 cm

Space for Rough work

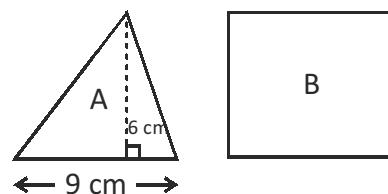
15 When a pot of plum jam is two-thirds full, it weighs 400 g. When it is only one-third full it weighs 250 g. How much does a full pot of plum jam weigh ?

- (A) 100 g (B) 500 g
 (C) 550 g (D) 600 g

16 Find the ratio of $2\frac{2}{3}$ hours to 64 minutes.

- (A) 2 : 5 (B) 5 : 2
 (C) 8 : 15 (D) 15 : 8

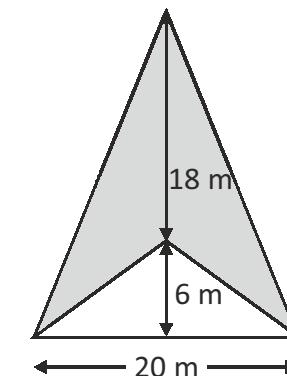
17 The ratio of the area of triangle A to that of rectangle B is 3 : 8. Find the area of rectangle B.



- (A) 54 cm² (B) 72 cm²
 (C) 81 cm² (D) 144 cm²

Space for Rough work

18 Find the area of the shaded part of the triangle.



- (A) 60 m² (B) 180 m²
 (C) 240 m² (D) 360 m²

19 What percent of the squares on a chess board are black ?

- (A) 50% (B) 60%
 (C) 15% (D) 75%

Space for Rough work

20 The sum of two numbers is 1476890. If the difference between the two numbers is 1500, what is the greater number ?

- (A) 736195 (B) 737695
 (C) 739195 (D) 1 475390

21 Which option is equal to 4.3 m ?

- (A) 4 m 3 cm (B) 4 m 30 cm
 (C) 4 m 300 cm (D) 4 m 3000 cm

22 If a car travels 150 km in 5 hours, what is its speed ?

- (A) 150 km/h (B) 30 km/h
 (C) 50 km/h (D) 10 km/h

23 At a sale, a handbag worth ₹ 175 was sold at a discount of 15%. How much was the discount ?

- (A) ₹ 26.25 (B) ₹ 86
 (C) ₹ 146.20 (D) ₹ 158.40

Space for Rough work

24 Isha invested a certain amount of money and got back an amount of ₹ 8800. If the bank paid an interest of ₹ 1000, find the amount Isha invested.

- (A) ₹ 7800 (B) ₹ 8700
 (C) ₹ 7500 (D) ₹ 7080

25 Find principal when Time = 4 years, Interest = ₹ 800 Rate = 4% p.a

- (A) ₹ 4000 (B) ₹ 6500
 (C) ₹ 5500 (D) ₹ 5000

26 Observe the given thermometer.

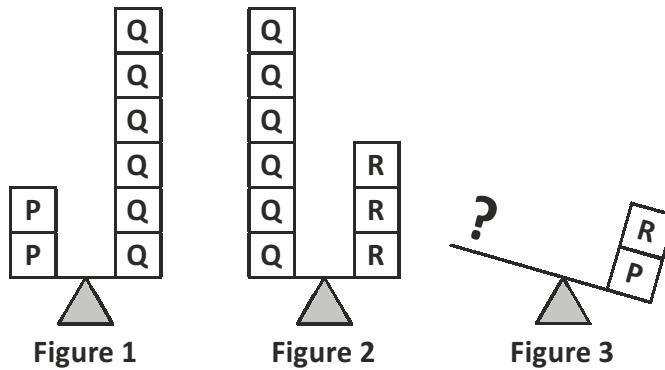


Which temperature of human beings does the thermometer show ?

- (A) High fever (B) Low fever
 (C) Very high fever (D) Normal body temperature

Space for Rough work

- 27** There are 3 types of blocks P, Q and R. How many blocks of Q must be placed to balance the scale in Figure 3?



- (A) 2 (B) 3 (C) 4 (D) 5

- 28** What is $\frac{5}{6}$ of a complete turn equal to?

- (A) 180° (B) 300° (C) 90° (D) 360°

- 29** Container A holds 5 l 50 ml of water. Container B holds 2790 ml of water. What is the capacity of container A that holds more water than container B?

- (A) 2 l 260 ml (B) 2 l 710 ml
(C) 3 l 740 ml (D) 7 l 840 ml

Space for Rough work

- 30** A train is travelling at a speed of 160 km/h. How long would it take to travel 1040 km?

- (A) 0.15 h (B) 6.5 h (C) 9.2 h (D) 16 h

- 31** Nishanth bought a phone for ₹ 5600 and sold it for ₹ 6500.

- (A) Profit = ₹ 900 (B) Loss = ₹ 800
(C) Profit = ₹ 700 (D) Loss = ₹ 900

- 32** Convert 15 decalitres into litres.

- (A) 150 l (B) 100 l
(C) 50 l (D) 500 l

- 33** If $2805 \div 2.55 = 1100$, find the quotient of $280.5 \div 25.5$.

- (A) 1.1 (B) 1.01
(C) 0.11 (D) 11

- 34** Neha's aquarium is filled with 2400 cubic centimeters of water. The base of the aquarium is 20 cm long and 12 cm wide. What is the height of the water in Neha's aquarium?

- (A) 15 cm (B) 10 cm
(C) 16 cm (D) 12 cm

- 35** The average temperature of the first three days of a week is 27°C and that of the next three days is 29°C . If the weekly average is 28.5°C , what is the temperature on the last day?

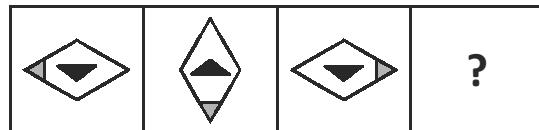
- (A) 31.5°C (B) 28°C
(C) 21°C (D) 42°C

Class – 5

Reasoning

Questions from 36 to 45 are single answer questions, darken the correct option as your answer in the OMR sheet provided. Each carries 1 mark.

36 What comes next in the series ?



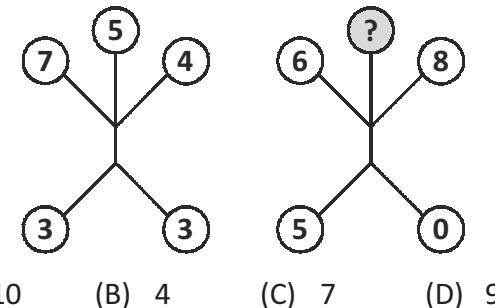
- (A)
- (B)
- (C)
- (D)

37 Five boys took part in a race. Rakesh finished before Manoj but behind Ganesh. Ashok finished before Sanjeev but behind Manoj. Who won the race ?

- (A) Rakesh
- (B) Manoj
- (C) Ganesh
- (D) Ashok

Space for Rough work

38 Which number replaces the question mark ?



39 If in the word FOUNDATION, the first letter interchanged with the 6th letter, the second letter is interchanged with the 7th letter and so on, which letter is 6th from the right ?

- (A) T
- (B) U
- (C) O
- (D) N

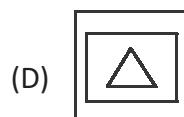
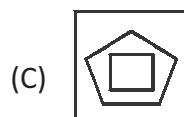
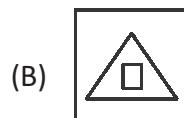
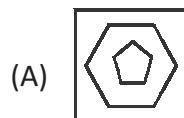
40 Select the code for the right most image.



- (A) RF
- (B) PD
- (C) FD
- (D) RD

Space for Rough work

41 Which one is different ?



42 What comes next in the series ?

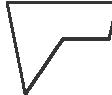
 60  78

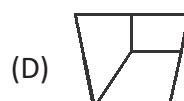
 82  102

 93  115

 106 ?

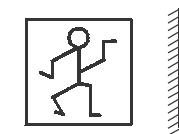
- (A) 130 (B) 124 (C) 128 (D) 134

43 In which figure is the shape  hidden ?

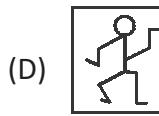
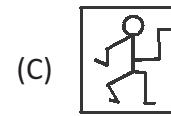
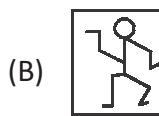
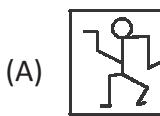


Space for Rough work

44 Identify the mirror image of the given figure.



||



45 Keerthi ranked 16th from the top and 29th from bottom among those who passed in a competitive exam. 6 students did not participate in the competition and five students were failed. How many students are there in the class ?

- (A) 35 (B) 45 (C) 55 (D) 50

Space for Rough work

Class – 5

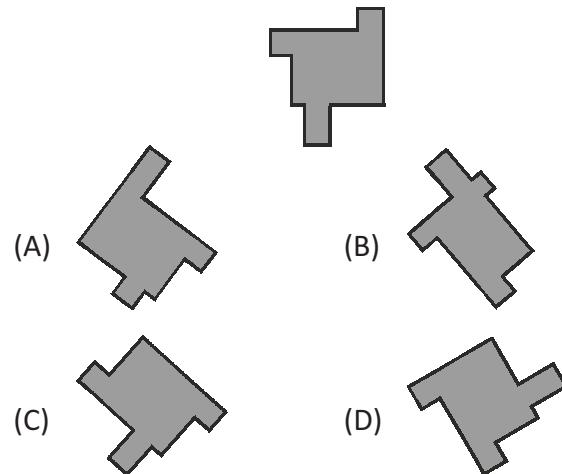
Critical Thinking

Questions from 46 to 50 are single answer questions, darken the correct option as your answer in the OMR sheet provided. Each carries 1 mark.

- 46** There are 20 students in a class. They sit in pairs: exactly one third of the boys sit with girl and exactly one half of the girls sit with a boy. How many boys are there in the class ?

(A) 8 (B) 12 (C) 15 (D) 16

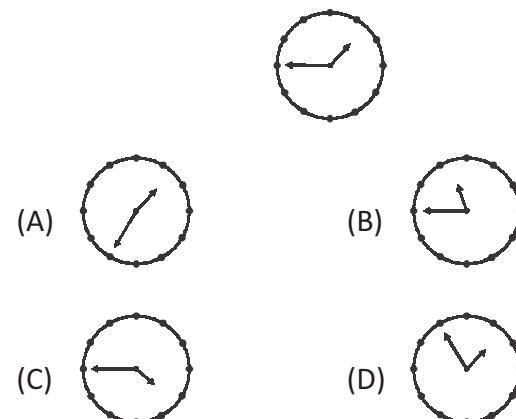
- 47** The given figure has been rotated. Which of the option is the same as the given figure ?



- 48** Arrange the words in their natural sequence from biggest to smallest.

- | | |
|-------------|--------------|
| 1. Sentence | 2. Chapter |
| 3. Letter | 4. Book |
| 5. Word | 6. Paragraph |
- (A) 4, 2, 1, 6, 5, 3 (B) 4, 2, 6, 1, 5, 3
 (C) 4, 6, 1, 2, 3, 5 (D) 4, 6, 2, 5, 1, 3

- 49** Bharat is getting his hair cut. When he looks in the mirror the clock looks like the figure below. What would he have seen if he had looked in the mirror ten minutes earlier ?



- 50** Which option has the closest resemblance to the given image ?

