



# MATHEMATICS

School Level Examination

GRADE

5

**DO NOT OPEN THIS BOOKLET UNTIL INSTRUCTED TO DO SO**

- \* All questions are compulsory.
- \* Read the instructions on the **ANSWER SHEET** and fill in your **NAME, CLASS and OTHER INFORMATION**.

To mark your choice of answer by darkening the circles in the Answer Sheet, use an **HB Pencil** only.

- \* You **MUST** record your answers on the **ANSWER SHEET**.
- \* There are 30 **MULTIPLE CHOICE QUESTIONS**. Use the information provided to choose the **BEST** answer among the four possible options.

On your **ANSWER SHEET** fill in the oval that matches your answer.

- \* Marks are **NOT** deducted for incorrect answers.
- \* Return the **Answer Sheet** to the invigilator at the end of the examination.
- \* Write your Roll No. on the Question Paper too and take it home for future reference.
- \* You are **NOT** allowed to use a calculator.

You may use a ruler and spare paper for rough work.

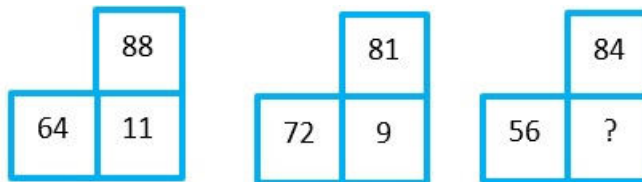
### Section - A

(This section contains 5 multiple choice questions. Each question has four choices (A), (B), (C) and (D), out of which only ONE is correct.)

1. Which of the following figures is the odd one out?

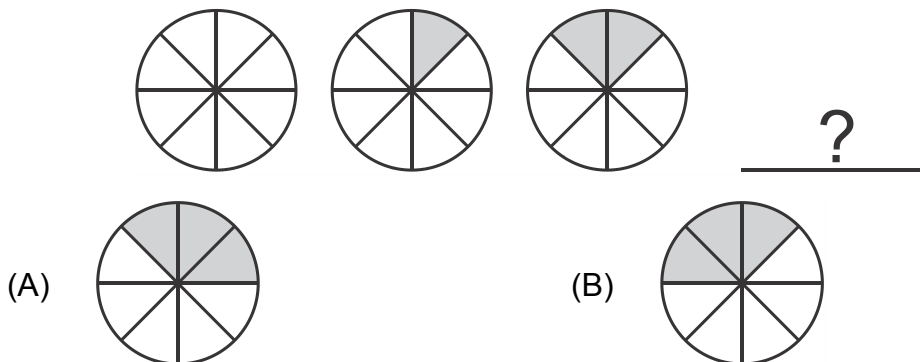


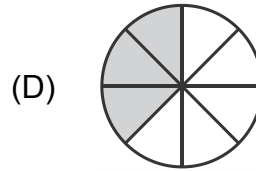
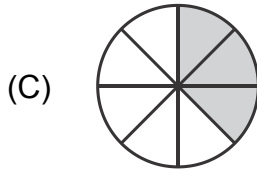
2. Find the missing number.



- |        |        |
|--------|--------|
| (A) 8  | (B) 12 |
| (C) 14 | (D) 20 |
3. Pointing towards M, Mohan says, 'This girl is the daughter of only child of my father'. What is the relation of Mohan's wife to M?
- |            |              |
|------------|--------------|
| (A) Aunt   | (B) Daughter |
| (C) Mother | (D) Sister   |

4. Which figure comes next in the given series?





5. Which number completes the series?

8, 24, 12, 36, 18, 54, \_\_\_\_\_, 78

(A) 24

(B) 26

(C) 27

(D) 37

### Section - B

(This section contains 25 multiple choice questions. Each question has four choices (A), (B), (C) and (D), out of which only ONE is correct.)

6. How many minutes are in  $\frac{3}{5}$  of an hour?

(A) 30

(B) 36

(C) 45

(D) 60

7. Place value of 8 in B is \_\_\_\_\_ times greater than the place value of 8 in A.

A: 6752983

B: 6189345

(A) 800

(B) 1,000

(C) 8,000

(D) 10,000

8. The cost of a car is ₹ 95,000 after being rounded off to the nearest thousand. Which of the following could possibly be the original price of car?

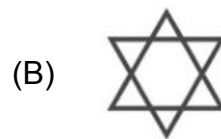
(A) ₹ 94,300

(B) ₹ 94,229

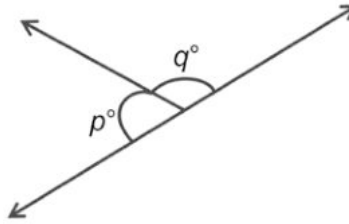
(C) ₹ 94,498

(D) ₹ 94,678

9. Which of the following figures has only one line of symmetry?



10. Which of the following is a FALSE statement?

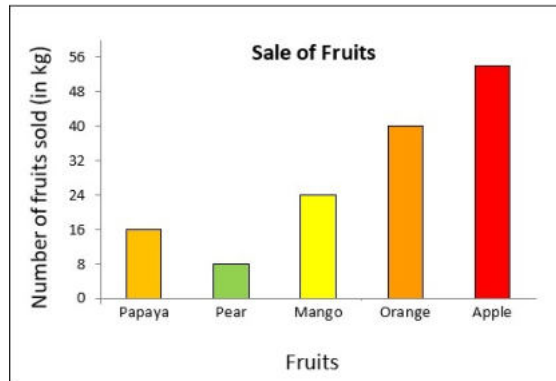


- (A)  $p$  is an acute angle.  
(B)  $q$  is an obtuse angle.  
(C) The sum of  $p$  and  $q$  is equal to  $180^\circ$ .  
(D) The measure of angle  $q$  is  $90^\circ$ .
11. Shivani left home at 18:15 hours and came back at 02:30 on the next day. How long was she out from home?
- (A) 7 hours 15 minutes                      (B) 8 hours  
(C) 8 hours 15 minutes                      (D) 8 hours 45 minutes
12. How many zeros are there in 10 million?
- (A) 6    (B) 7  
(C) 8    (D) 9
13. Which of the following fractions equals to 0.0563?
- (A)    (B)  $\frac{563}{1000}$   
(C)    (D)  $\frac{563}{100000}$
14. Which of the following expressions is true?
- (A)  $2130 \times 25 = (2130 + 20) \times (2130 + 5)$   
(B)  $2130 \times 25 = (2130 \times 20) + (2130 \times 5)$   
(C)  $2130 \times 25 = (2130 + 20) \times 5$   
(D)  $2130 \times 25 = (1000 \times 25) + (1270 + 25)$
15. The total production of jute in four states is 89,57,498 tons. If the states of West Bengal, Assam and Meghalaya produced 13,70,819, 25,05,925 and 27,95,947 tons respectively. Find the total production of jute in Arunachal Pradesh.
- (A) 22,84,807 tons                      (B) 22,84,817 tons  
(C) 23,25,207 tons                      (D) None of these
16. Riya has 3 chocolate bars whose lengths are 16 cm, 24 cm, and 36 cm respectively. She wants to cut the longest possible pieces, all the same length

from each of the bars, what is the length of each piece, if she cut without any wastage?

- (A) 4 cm (B) 8 cm  
(C) 12 cm (D) 16 cm

17. The given bar graph shows the sale of some fruits in one day by a local market.



Which of the given fruits was most popular?

- (A) Pear (B) Orange  
(C) Apple (D) Papaya

18. The value of 4<sup>th</sup> common multiple of 16 and 40 is \_\_\_\_\_.

- (A) 32 (B) 80  
(C) 160 (D) 320

19. Which of the following is an example of a reflex angle?

- (A) 272° (B) 180°  
(C) 90° (D) 60°

20. Supriya bought 7 baskets of apple and 3 baskets of mango. Each fruit basket had 7 pieces in it. Find the total number of fruits she bought.

- (A) 28 (B) 42  
(C) 52 (D) 70

21. Japish had  $1\frac{1}{2}$  bags of candies. The full bag had 24 packets of candies in it with 12 candies in each packet. Which expression gives the total number of candies Japish had?



(A)  $1\frac{1}{2} + 24 + 12$

(B)  $1\frac{1}{2} \times 24 \times 12$

(C)  $1\frac{1}{2} \times (24 + 12)$

(D)  $1\frac{1}{2} \times 24 + 12$

22. Ansh weighs 25.8 kilograms. Gaurav is 3.8 kilograms heavier than Ansh. What is the weight of Gaurav in grams?



(A) 29600 grams

(B) 28600 grams

(C) 2690 grams

(D) 2960 grams

23. Three bells ring at intervals of 15, 20 and 30 minutes. If they last rang together at 12:25 pm, then at what time will they next ring together?

(A) 12:30 pm

(B) 1:20 pm

(C) 1:25 pm

(D) 1:30 pm

24. Rupali has two 2000 rupee notes and five 100 rupee notes. She wants to buy a microwave cost of ₹ 5200. Would she be able to buy it with the given amount of money?

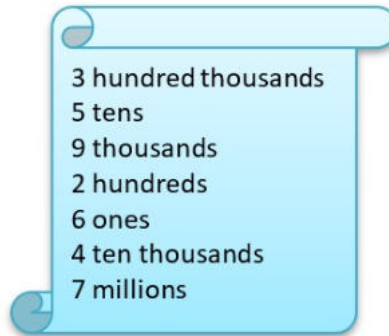


- (A) Yes (B) No  
(C) Cannot say (D) None of these

25. There were 4 containers each containing same amount of water. Ria poured a total of another 20 L, distributing equally into 4 containers. The total amount of water in the 4 containers became 36 L. What was the volume of water in each container at the beginning?

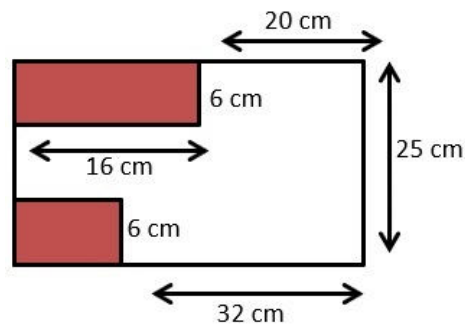
- (A) 4 L (B) 4.5 L  
(C) 5 L (D) 6 L

26. Which of the numbers will you get from the given values?



- (A) 7,349,256 (B) 7,943,256  
(C) 7,349,526 (D) 7,394,266

27. In the given figure, what is the area of unshaded portion?



- (A)  $680 \text{ cm}^2$  (B)  $780 \text{ cm}^2$   
(C)  $800 \text{ cm}^2$  (D)  $804 \text{ cm}^2$

28. \_\_\_\_\_ of two or more numbers is the smallest integer that is evenly divisible by both numbers.

- (A) Lowest Common Multiple (B) Highest Common Factor  
(C) Co-prime Numbers (D) Twin Primes

29. A tailor purchased 35 packets of chiffon multi-colour roses for dresses. Each packet had 50 roses. If he used 7 roses in each dress and was left with 196 roses, then how many dresses were he stitched?
- (A) 200 (B) 222  
(C) 225 (D) 250
30. 12 litres of fruit juice is to be transferred into two containers. One of the containers can hold 5,485 mL of juice. What should be the minimum capacity of the other container?



- (A) 6.515 L (B) 6.615 L  
(C) 6.525 L (D) 7.510 L



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