

CBSE CLASS 5 YEARLY EXAMINATION

Sample question paper 1

Time: 2 hrs Max: 50 marks

Choose the correct answer from the bracket. (1 mark)

1. $\frac{1}{100} = \text{-----}$

(0.1, 0.01, 1.0)

2. If the side of a square is doubled, then its area increases ----- times.

(2, 4, 6)

3. What should come next?

N	Z	N	Z	-----
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(Z, N, O)

4. A cube has -----faces.

(5, 6, 7)

5. The perimeter of a square with side 3 cm is -----

(6, 9, 12)

Fill in the blanks (1 mark)

6. Tally mark \lrcorner means -----

7. One third of 90 is -----

8. 5mm = -----cm

9. Volume of a cube of side 2 cm is -----cu cm.

10. $6 \times 0 = \text{-----}$

Answer the following (2 mark)

11. Classify the following into acute angle, obtuse angle and right angle.

$10^\circ, 109^\circ, 123^\circ, 90^\circ, 157^\circ, 25^\circ, 89^\circ$

12. Ravi bought a TV for Rs 13000 and a fridge for 15555.If he gave Rs. 1, 00,000, how much money will he get back?

13. Find the secret number using the clues given below.

- * It is larger than half of 100.
- * It is more than 6 tens and less than 7 tens.
- * The tens digit is one more than the ones digit.
- * Together the digits have a sum of eleven.

14. Perimeter of a square is 24 cm. Find the length of its side.

15. Draw a cube and write the number of faces, edges and vertices of it.

16. Make 273 a special number.

17. The temperature at Chennai is 39.8°C and Ooty is 15.5°C . Which place is hotter? Compute the difference of temperatures.

18. Find the volume of a cube of side 3 cm and a cuboid of side 2 cm by 3 cm by 4 cm. Which has greater volume?

19. Raju bought 4.05 litre and 6.435 litre oil. How much did he buy altogether?

20. Fill the magic square using all the numbers from 21 to 29. Sum of each side is 75.

	25	

Answer the following (3 mark)

21. A 2 rupee coin weighs 8g. What is the weight of such

- a) 3000 coins
- b) 550 coins

22. 648 pens are to be packed in 12 boxes. How many pens will be there in each box?

23. Area of a rectangle is 80 square cm and length is 10 cm. Find its breadth and perimeter.

24. Anu bought a birthday gift for Rs 405.5 and a birthday card for 70.50 for her friend. How much did she spend in all?

Answer the following (4 mark)

25. Mini drinks 8 glasses of water every day.

- a) How many glasses will he drink in one month?

b) How many glasses will he drink in one year?

26. A rectangular field is 28 m long and 20 m broad. Find the cost of fencing the field at the rate of Rs 40 per metre.

Answers:

1. 0.01

2. 4 times

3. N

4. 6

5. 12

6. 2

7. 30

8. 0.5cm

9. 8 cu cm

10. 0

11. Acute angles: $10^\circ, 25^\circ, 89^\circ$

Obtuse angles: $109^\circ, 123^\circ, 157^\circ$

Right angle: 90°

12. Cost of a TV = Rs 13000

Cost of a fridge = Rs 15555

The amount he gave to the shopkeeper = Rs 1, 00,000

The amount of money he will get back = $1, 00,000 - (13000 + 15555) = 1,00,000 - 28555$

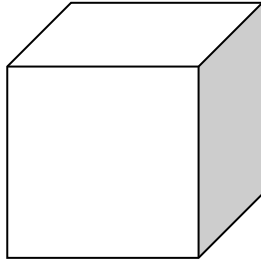
= Rs 71445

13. 65

14. Perimeter of a square = 24 cm

Length of each side = $24 \div 4 = 6$ cm

15.



Number of faces = 6

Number of edges = 12

Number of vertices = 8

16. To make a special number, add 273 by 372

$$273 + 372 = 645$$

$$645 + 546 = 1191$$

$$1191 + 1911 = 3102$$

$3102 + 2013 = 5115$, which is a special number.

17. Temperature at Chennai = 39.8°C

Temperature at Ooty = 15.5°C

Therefore, Chennai is hotter than Ooty.

Difference of temperatures = $39.8 - 15.5 = 24.3^{\circ}\text{C}$

18. Given side of a cube = 3 cm

Volume of a cube = $3 \times 3 \times 3 = 27$ square cm

Volume of a cuboid = length x breadth x height = $2 \times 3 \times 4 = 24$ square cm

So cube has greater area.

19. Total amount of oil = $4.05 + 6.435 = 10.485$ litre

20.

22	29	24
27	25	23
26	21	28

21. A 2 rupee coin weighs 8g.

a) Weight of 3000 such coins = $3000 \times 8 = 24000$ g = 24 kg

b) Weight of 550 such coins = $550 \times 8 = 4400$ g

22. The number of pens in 12 boxes = 648

The number of pens in each box = $648 \div 12 = 54$ pens

23. Area of a rectangle = 80 square cm

Length = 10 cm

Breadth = $80 \div 10 = 8$ cm

Perimeter of a rectangle = $2 \times (l+b) = 2 \times (10 + 8) = 2 \times 18 = 36$ cm

24. Price of the birthday gift = Rs 405.5

Price of birthday card = 70.50

Total amount he spend in all = $405.5 + 70.50 =$ Rs 476

25. Mini drinks 8 glasses of water every day.

a) The number of glasses he will drink in one month = $30 \times 8 = 240$

b) The number of glasses he will drink in one year = $240 \times 12 = 2880$

26. Given length = 28 m

Breadth = 20 m

Perimeter = $2 \times (l + b) = 2 \times (28 + 20) = 2 \times 48 = 96$ m

Cost of fencing the field at the rate of Rs 40 per metre = $96 \times 40 =$ Rs 3840

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