# PT4/ANNUAL EXAMINATION, 2023-24
## MATHEMATICS

**Time – 3 hrs.**          **Class – V**          **M.M. – 80**

*Name of the student _____ Section _____ Date - 09.02.2024 (Friday)*

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**General Instructions:-**

1. All questions are compulsory. However, there are internal choices in some questions.
2. Section A contains 5 Questions. Q1 to Q4 contains all questions of 1 mark each. Q5 contains all questions of 2 marks each.
3. Section B contains 14 questions. Q6 to Q13 carries 3 marks each, Q14 to Q17 carries 4 marks each and Q18 to Q19 carries 5 marks each.
4. Show full calculation for questions in Section- B.
5. Draw neat and clean diagram wherever needed.

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## SECTION-A

**Q1  Fill in the blanks.**                                                          (1x5=5)

(i) _____ x 1 = 6523

(ii) One side of a cube is 3 cm. It's Volume = _____cubic cm.

(iii) For the division 52698 ÷ 100, Quotient =_____ Remainder = _____.

(iv) _____ is the smallest factor of every number.

(v) A circle has _____ number of line(s) of symmetry.

**Q2  Choose the most appropriate answer.**                                          (1x5=5)

(i)  Each face of a cube looks like a _____.

   (a) Circle          (b) Rectangle          (c) Square          (d) Oval

(ii)  The 9$^{th}$ multiple of 9 is _____.

   (a) 72          (b) 81          (c) 90          (d) 63

(iii)  1 + 2 + 3 + 2 + 1 = _____.

   (a) 1 x 1          (b) 2 x 2          (c) 3 x 3          (d) 4 x 4

(iv)  Which one of the following digits will look same on a half turn?

   (a)  2          (b) 3          (c) 8          (d) 9

(v)  20 x _____ = 800

   (a) 30          (b) 40          (c) 50          (d) 60

**Q3  Write True/False for the given statements.**                                   (1x5=5)

(i)  In a bar graph for favourite colour, the most favourite colour will have the highest bar.

(ii) A rectangle will look same on a quarter turn.

(iii) All the edges of a cube are of same length.

(iv) 12 is a multiple of 5.

(v) If you multiply 3000 with 10 you will get 300000.

**Q4   Match the columns to make correct pairs.**                     **(1x5=5)**

(i) Rectangular shapes                 (a) Side x Side

(ii) Area of square                    (b) 4 x Side

(iii) Circular smart chart             (c) Side x Side X Side

(iv) Volume of a dice                  (d) Pie chart

(v) Perimeter of square                (e) Bar graph

**Q5.   Answer these questions in one word or one sentence.**          **(2x5=10)**

(i) Convert 904 into palindrome.

(ii) A duster is 14 cm long, 5 cm wide and 4 cm thick. How much is it's volume?

(iii) If the word **ZOOM** is turned half, show how will it look like? .

(iv) Write the first 4 multiples of 14.

(v) One side of a square sheet is 13 cm. Calculate its area.

## SECTION-B

**(Q6 to Q13 are of 3 marks each.)**

Q6.   Divide these and also verify your answer.

(a) 3645 ÷ 12                    (b) 6827 ÷ 15

Q7.   Find the L.C.M. of these numbers by listing the multiples.

(a) 12 and 15                    (b) 8 and 10

**OR**

Write all the factors of these numbers.

(a) 24              (b) 40                (c) 36

Q8.   An 8 storey building has 15 rooms on each floor. Each room requires 560 tiles. Find the total number of tiles required.

Q9.   Rashi packs dice of edge 3 cm into a box of length 15 cm, breadth 12 cm and height 21 cm. How many dice will fit into the box?

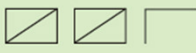Q10.  Draw how the following shapes will look after $\frac{1}{2}$ turn.

(a)                              (b)

Q11. Sanvi made a Tally Mark for the favourite fruits. Answer these questions:-

| Fruits | Tally Marks |
|--------|-------------|
| Apple | ☐☐☐☐☐ ☐ |
| Mango | ☐☐ ☐ |
| Litchi | ☐☐☐ ☐ |
| Pineapple | ☐☐☐ |

(a)   Which fruit is maximum in number?

(b)   How many Mangoes are there?

(c)   Make the tally marks for 7 more Pineapples.

Q12. Fill the given square using all the numbers from 21 to 29 so that total of each side is 75.
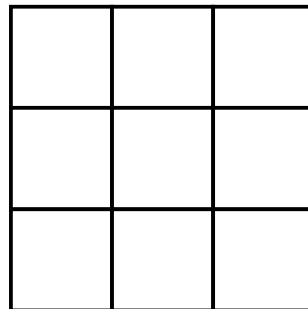
Q13. Carton **A** is 40 cm long, 30 cm wide and 12 cm high. Another carton **B** is 36 cm long, 40 cm wide and 10 cm high. Which of these two can hold more amount of tomatoes? Show your calculations.

**(Q14 to Q17 are of 4 marks each.)**

Q14. A cubical gift packet has its one side 32 cm long. How much space is covered by such 20 packets?

**OR**

Make a cuboid with length 3 cm, breadth 2 cm and height 2 cm. Use 1 cm cubes only.

Q15. How many square shaped stamps of side 2 cm can fit on to a chart paper of length 75 cm and breadth 28 cm?

Q16. The rent of a house for a year is Rs 60,300. What would be its rent for 7 months?

Q17. The weight of a 5 rupee coin is 6 g. Some coins are there in Sack A and Sack B. Answer these questions if weight of the sack is negligible.

(a) What is the weight of a Sack A with such 900 coins?

(b) How many coins are there in a Sack B if it weighs 8 kg 400 g?

**(Q18 to Q19 are of 5 marks each.)**

Q18. Number of participants in school radio are shown on the given Bar Graph for one week. Answer these questions.
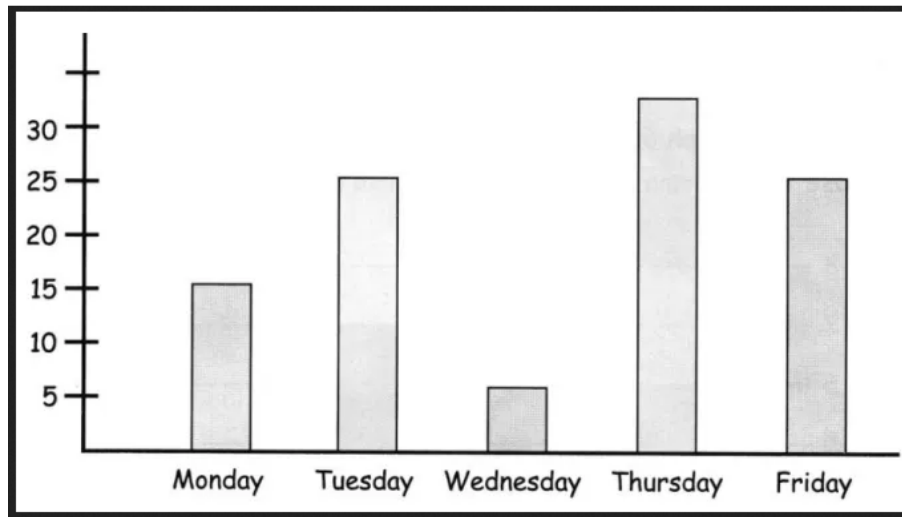


(a)    How many students took part on Tuesday?

(b)    Maximum number of participants were there on _____.

(c)    Number of participants on _____ was 10 less than that on Monday.

(d)    Same number of students participated on _____ and _____.

**OR**

Occupation choice of a group of students are given in table. Make a pictograph to represent the data. Give it a suitable title. Make a key with appropriate symbol.

| Astronaut - 15 | Teacher - 12 | Athlete - 9 |
|---|---|---|
| Doctor - 18 | Musician - 6 | Pilot - 3 |

Q19. One side of **Square A** is 4 cm. **Square B** has the side double of the side of **Square A**. Answer these :-

(a) Side of **Square B** is _____cm.

(b) Area of **Square B** is _____ square cm.

(c) Perimeter of **Square A** is _____ cm.

(d) Area of **Square B** is _____ times the area of Square A.

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