

## THIRD MID TERM TEST - 2024

## Standard - VI

Time: 1.30 hrs

MATHS

Marks:50

I Choose the correct Answer:

5x1=5

1. If  $\frac{6}{7} = \frac{A}{49}$ , then the value of A is
  - a) 42
  - b) 36
  - c) 25
  - d) 48
2. 3 units to the left of 1 is
  - a) -4
  - b) -3
  - c) -2
  - d) 3
3. There are \_\_\_\_\_ positive integers from -5 to 6.
  - a) 5
  - b) 6
  - c) 7
  - d) 11
4. Area of square
  - a) (SxS)sq.units
  - b) (lxb)sq.units
  - c) 4a
  - d) 3S
5.  $\frac{2}{3} + \frac{5}{3} =$ 
  - a)  $\frac{5}{3}$
  - b)  $\frac{2}{3}$
  - c)  $\frac{7}{3}$
  - d)  $\frac{3}{5}$

II Say true or false

5x1=5

6. The mixed fraction of  $\frac{13}{4}$  is  $3\frac{1}{4}$ .
7.  $3\frac{1}{4} \times 3\frac{1}{4} = 9\frac{1}{16}$ .
8. -1 is to the right of 0.
9. All negative integers are greater than zero.
10. Area of rectangle A = (lxb) sq.units.

III Fill in the blanks

5x1=5

11. The sum of a whole number and a proper fraction is called \_\_\_\_\_
12. \_\_\_\_\_ is an integer which is neither positive nor negative.
13. The opposite of 44 is \_\_\_\_\_
14.  $5\text{cm}^2 =$  \_\_\_\_\_  $\text{mm}^2$
15. Perimeter of triangle P = \_\_\_\_\_

## IV Answer any Ten of the following:

16. Simplify :  $\frac{8}{9} - \frac{6}{9}$

17. Convert  $\frac{47}{6}$  into mixed fraction.

18. Multiply :  $\frac{3}{8} \times \frac{4}{5}$

19. Divide :  $\frac{3}{7} \div 4$

20. Find the opposite of the following numbers.

i) 0

ii) -312

21. Put the appropriate signs as &lt;, &gt; or = in the box.

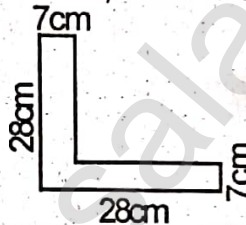
i) -8  -7ii) -III  -III

22. Write all the integers between 7 and 10.

23. If 15 km east of a place is denoted as +15 km, what is the integer that represents 15km west of it?

24. Add :  $\frac{1}{8} + \frac{4}{8}$

25. Find the Perimeter of 'L' shaped figure.



26. Find the area of a rectangle of length 12cm and breadth 7cm.

27. Find the Perimeter of a triangle whose sides are 3cm, 4cm and 5cm.

## V Answer any Five of the following:

5x3=15

28. Add :  $3\frac{2}{4} + 7\frac{2}{5}$

29. Nilavan can walk  $4\frac{1}{2}$  km in an hour. How much distance will he cover in  $3\frac{1}{2}$  hours?30. Gowri purchased  $3\frac{1}{2}$  kg. of tomatoes,  $\frac{3}{4}$  kg of brinjal and  $1\frac{1}{4}$  kg of onion. What is the total weight of the vegetables she bought?

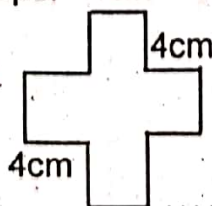
31. Arrange in descending order

111, -222, 333, -444, 555, -666, 777, -888

32. Mark the numbers 4, -3, 6, -1 and -5 on the number line.

33. Find the side of a square shaped postal stamp of perimeter 8cm.

34. Find the Perimeter of the shape. 4cm



VI Standard

Time : 1.30 hrs.

SCIENCE

Total Marks : 50

I. Choose the best answer

5 x 1 = 5

- People who made mariners compass for the first time;
  - Indians
  - Europeans
  - Chinese
  - Egyptians
- A freely suspended magnet always comes to rest in the \_\_\_\_\_ direction.
  - North – East
  - South – West
  - East – West
  - North – South
- A object that is attracted by magnet
  - Wooden piece
  - Plain pins
  - Eraser
  - A piece of paper
- Around 97% of water available on earth is \_\_\_\_\_ water
  - Fresh
  - Pure
  - Salty
  - Polluted
- About 30% of the fresh water is found in
  - Glaciers
  - Groundwater
  - Other Source of Water
  - Surface Water

II. Fill in the blanks

5 x 1 = 5

- Paper is not a magnetic material.
- The material which are attracted towards the magnet are called magnetic substance.
- The process of changing water into its vapour is called evaporation.
- Water levels in rivers increases greatly during daily day.
- Water cycle is also called as hydrological cycle.

III. True (or) False. If false give the correct answer

5 x 1 = 5

- Similar poles of a magnet repel each other. TT
- Rubber is a magnetic material. F
- A cylindrical magnet has only one pole. FF
- Condensation results in the formation of dew on grass. T
- Seas are formed when the water table meets the land surface. FA

IV. Match the following

5 x 1 = 5

- |                 |   |                           |
|-----------------|---|---------------------------|
| 1. Compass      | - | Evaporation <u>13</u>     |
| 2. Attraction   | - | Water Vapour <u>14</u>    |
| 3. Sunlight     | - | Magnetic needle <u>11</u> |
| 4. Cloud        | - | Pole <u>8</u>             |
| 5. Frozen water | - | Opposite Poles <u>22</u>  |

## V. Analogy

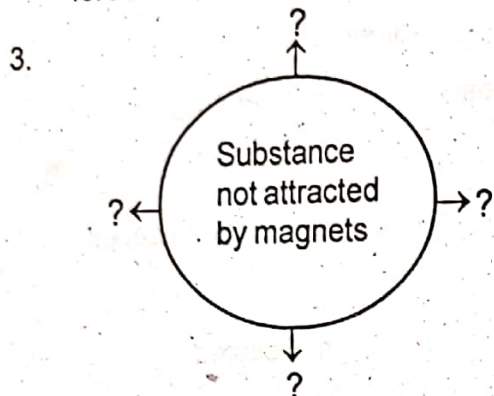
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1. Population explosion : water scarcity; recycle : water management
2. Ground water : wells. Surface water : lakes
3. Substance attracted by magnets : Nail ; substance not attracted by magnets : wood.

## VI. Answer in a sentence or two

6 × 2 = 12

1. Explain the attraction and repulsion between magnetic poles.
2. A student who checked some magnets in the school laboratory found out that their magnetic force is worn out. Give three reasons for that?



4. Give the reasons, why water scarcity is in India? Write any two points.

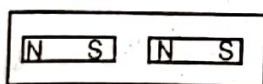
5. Name four different sources of water. wells, lake, streams

6. Differentiate between surface water and ground water.

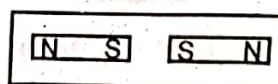
## VII. Answer in detail (Any three)

3 × 5 = 15

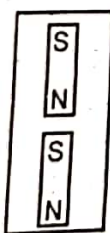
1. You are provided with an iron needle. How will you magnetize it?
2. The following diagrams show two magnets near one another. Use the words "Attract", "Repel", "Turn around", to describe what happens in each case.



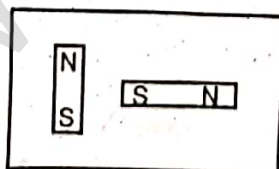
(A)



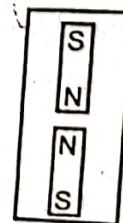
(B)



(C)



(D)



(E)

3. What is rainwater harvesting? Explain in a few sentences how it can be used in houses.
4. a) How do aquatic animals manage to live in Arctic and Antarctic circle. (3)  
b) Name the places where water is found as ice. (2)

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**THIRD MID TERM TEST - 2024**

**Standard - VI**

**Time : 1.30 hrs**

**SOCIAL SCIENCE**

**Marks: 50**

**I. Choose the correct answer:-**

**6×1=6**

- 1) Pattini cult in Tamilnadu was introduced by \_\_\_\_\_  
a) Pandyan Nedunchelivan      b)  Cheran Senguttuvan  
c) Ilango adigal                      d)  Mudathirumaran
- 2) Sakas ruled over Gandhara region \_\_\_\_\_ as their capital  
a)  Sirkap                      b)  Taxila                      c) Mathura                      d) Purushpura
- 3) India is the leading produce of \_\_\_\_\_  
a) Zinc                      b) Mica                      c)  Manganese                      d)  Coal
- 4) 180° line of longitude is  
a) Equator                      b)  International Date line  
c) Prime Meridian                      d)  North Pole
- 5) \_\_\_\_\_ is celebrated as the International Democracy Day  
a)  September 15                      b)  October 15  
c) November 15                      d) December 15
- 6) The head of a corporation is called a \_\_\_\_\_  
a)  Mayor                      b) Commissioner                      c) Chair person                      d) President

**II. Fill in the blanks:-**

**6×1=6**

- 7) Land revenue was called 1911
- 8) Hala is famous as the author of Sathya
- 9) The wettest place in the world is Mawsynjam
- 10) The world is divided into 24 time zones.
- 11) In our country Representative democracy is in practice.
- 12) The panchayat Raj act was enacted in the year 1992

**III. Match:-**

**4×1=4**

- |                         |   |                   |              |
|-------------------------|---|-------------------|--------------|
| 13) Adiyaman            | - | Equator           | <u>10</u>    |
| 14) Patanjali           | - | Thailand          | <u>15</u>    |
| 15) Rice Bowl of Asia   | - | Second grammarian | <u>1A</u>    |
| 16) 0° line of latitude | - | Velir             | <u>13/13</u> |

(2)

## VI SOCIAL SCIENCE

### IV. Answer any seven questions:-

7×2=14

- 17) Name any two archaeological sites related to sangam period. 88
- 18) Name the seven patrons (Kadaiyelu Vallalgal) 91
- 19) What happened to the last Mauryan emperor? 101
- 20) Give an account of the achievements of Kadphises I. 106
- 21) Name the important intermontane plateaus found in Asia. 140
- 22) What are the important rivers of Europe?
- 23) How many times would the sun pass overhead a line of longitude?
- 24) Name the four hemispheres of the Earth. 174, 175, 177
- 25) What is Democracy?
- 26) Is there any corporation in your district? Name it?

### V. Answer any three following questions in a paragraph:-

3×5=15

- 27) Discuss the status of women in the sangam society. 93
- 28) The importance of Gandhara School of Art. 107
- 29) Give an account of the drainage system in Asia.
- 30) What are the uses of globe?
- 31) Compare and contrast direct democracy and representative democracy.

### VI. Mark the following in India outline map:-

5×1=5

- 32) 1) Korkai
- 2) Kaveripoompattinam
- 3) Musiri
- 4) Uraiyr
- 5) Madurai.

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