THIRD MID TERM TEST - 2024

Standard - VII

Time: 1.30 hrs **MATHS** **Marks:50**

10x1=10

I Choose the correct answer:

1. 7.0 - 2.83 = ?
   a) 3.47   b) 4.17   c) 7.34   d) 4.73

2. 2.08 x 10 = _____
   a) 20.8   b) 208.0   c) 0.208   d) 280.0

3. 2.01 ÷ 0.03 = ?
   a) 6.7   b) 67.0   c) 0.67   d) 0.067

4. Kavin scored 15 out of 25 in a test. The percentage of his marks is _____
   a) 60%   b) 15%   c) 25%   d) 15/25

5. The percentage of 0.005 is _____
   a) 0.005%   b) 5%   c) 0.5%   d) 0.05%

6. The interest for a principle of Rs.4,500 which gives an amount of Rs.5000 at end of certain period is _____
   a) Rs.500   b) Rs.200   c) 20%   d) 15%

7. (5+20) (-20-5) = ?
   a) -425   b) 375   c) -625   d) 0

8. The factor of x^2-6x+9 are
   a) (x-3) (x-3)   b) (x-3) (x+3)   c) (x+3) (x+3)   d) (x-6) (x+9)

9. A _____ is a turn about a point.
   a) Translation   b) Rotation   c) Reflection   d) Glide Reflection

10. A _____ is a flip over a line.
    a) Translation   b) Rotation   c) Reflection   d) Glide Reflection

II Fill in the blanks

5x1=5

11. 0.51 + 0.25 = 0.76

12. 2.76 x 100 = 276

13. 3.6 x 0.3 = _____

14. $(p-q)^2$ = p-q pq+q

15. The product of (x+5) and (x-5) is $x^2 - 5^2$

III Match the following

5x1=5

16. 0.295 km   -   S.P   19

17. 4 x 0.7   -   a x b x b   20

18. Cp - Loss   -   295 ml   16

19. Simple Interest   -   2.8   17

20. ab²   - $\dfrac{pnr}{100}$ 18

IV Give answer any five: 5x2=10

21. Add 25.8 + 18.53 *44.33*
22. Find the product of 3.75 x 6 *23.50*
23. Divide : 0.399 ÷ 2.1 *0.55%*
24. Convert $\frac{36}{50}$ as percentage. *$\frac{36}{50} = \frac{366}{50} = \frac{346}{500} = 72\%$*
25. The height of a flag pole in a school is 6.75m. Express it as percentage. *6.76*
26. Kuralmathi bought a raincoat and saved Rs.25 with discount of 20% what was the original price of the raincoat? *2 is what percentage of 50?*
27. Find the simple interest on Rs.25,000 at 8% per annum for 3 years?

V Answer any five of the following: 5x3=15

28. Multiply
    i) 2.57 x 10
    ii) 34.51 x 100
    iii) 0.4 x 1000
29. Simplify : 23.5 - 27.89 + 35.4 - 17
30. A picture chart costs Rs.1.50. Radha wants to buy 20 charts to make an album. How much does she have to pay?
31. There are 560 students in a school out of 560 students, 320 are boys. Find the percentage of girls in that school.
32. Karun bought a pair of shoes at 25% discount sale. If the amount the paid was Rs.1000 then find the marked price.
33. Find the product of (x+3) (x+7) *$x^2 + 10x + 21$*
34. Factorise the following $x^2 - 8x + 16$ *$(x-4)(x-4)$*

VI Answer any one of the following: 1x5=5

35. i) Name the types of symmetry. *Draw a circle with radius 4cm.*
    (Or)
    ii) Draw concentric circles for the following measurement.
    r = 3 cm and r_2 = 5 cm

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THIRD MID TERM TEST - 2024

VII Standard

Time : 1.30 hrs.   SCIENCE   Total Marks : 50

I.   Choose the correct answer   10 × 1 = 10

1.   Light is a form of _____.
     a) Matter   b) Energy   c) Medium   d) Particle

2.   _____ surface reflects the light well
     a) Water   b) Computer disc   c) Mirror   d) Stone

3.   The image formed by a pinhole camera is inverted because _____.
     a) Light travels in straight lines
     b) Light rays become laterally inverted as they pass through a pinhole camera
     c) Light rays pass through the pinhole
     d) Light rays got reflected.

4.   Reflection occurs, when the light _____.
     a) About to reach a surface   b) Approaches a surface
     c) Passes through a surface   d) None of these

5.   _____ is the translucent substance from the following
     a) Glass   b) Wood   c) Water   d) Clouds

6.   The moon takes _____ days to complete one revolution around the sun
     a) 25   b) 26   c) 27   d) 28

7.   Telescope was invented by _____.
     a) Hans Lippershey   b) Galileo
     c) Nicolous Coppernicus   d) Ptolemy

8.   With the launch of this satellite, ISRO become capable of launching 4 ton heavy satellites.
     a) GSAT – 13   b) GSAT – 14   c) GSAT – 17   d) GSAT – 19

9.   The galaxy containing young and hot stars is
     a) Elliptical galaxy   b) Irregular galaxy
     c) Cluster   d) Spiral galaxy

10. If the moon is appearing in the sky today near the star Karthikai, the position of the Moon after 27 days is near the star
     a) Bharani   b) Karthikai   c) Rohini   d) Aswini

II. Fill in the blanks   5 × 1 = 5

11. Sunlight is a blend of ___7___ colours.
12. Reflection of light from rough surface is called ~~கொ u லெ~~ reflection.
13. Waxing of moon means ~~பிறைமதி~~
14. _____ is prevailing model of evolution of the Universe.
15. ~~Aryabatta~~ is the first satellite launched by India.

III. True (or) False   5 × 1 = 5

16. Rainbow is formed by dispersion of light by water drops.
17. We see planets because they reflect light from the sun.
18. The image formed in a plan mirror is upside down.
19. Our milky way galaxy is identified as an elliptical galaxy.
20. The planet venus in the solar system doesn't have a moon.

IV. Match the following   5 × 1 = 5

21. The sun   -   GSLV Mark III M1
22. The moon   -   PSLV – XLC 25
23. Chandrayan 2   -   Periscope
24. Mangalyan   -   Primary source of light
25. Plane mirror   -   Non – Luminous object

V. Give answers any five   5 × 2 = 10

26. What are the properties of shadow?
27. What is prism?
28. What are luminous objects?
29. What are the three types of materials based on the obsorption of light?
30. What is constellation?
31. Name the four different types of galaxies?
32. Give the expansions of PSLV and GSLV.
33. Anology :
    i) Nearnest galaxy : Andromeda : : Nearest Star : _____
    ii) Older stars : elliptical galaxies : : Young stars : : _____

VI. Answer the following in details any 3 questions   3 × 5 = 15

34. What are the characteristics of an image formed in a plane mirror?
35. What are regular and irregular reflection? Explain with the help of diagrams.
36. Explain the waxing and waning phases in Venus.
37. Write short notes on constellations.
38. Compare the images formed by plane mirror with that by pinhole camera.

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THIRD MID TERM TEST - 2024

Standard - VII

Time : 1.30 hrs   **SOCIAL SCIENCE**   Marks: 50

I. Choose the correct answer:-   5×1=5

1) Who spread the Bhakthi ideology in northern India and make it a mass movement?

   a) Vallabhacharya   b) Ramanujar   c) Ramananda   d) Surdas

2) In which year were the mamallapuram monuments and temples notified as a UNESCO world heritage site?

   a) 1964   b) 1994   c) 1974   d) 1984

3) _____ are the longest rivers in North America

   a) Missisippi and Missouri rivers   b) The Mackenzie river

   c) The St. Lawrence river   d) The colarado river

4) Cultural maps are those which shows the _____ features

   a) Natural   b) Man-made   c) Artificial   d) Environmental

5) Gender equality is an issue that is relevant to

   a) Girls and women; it's a women's issue

   b) All societies, women and men alike

   c) Third world countries

   d) Developed countries only

II. Fill in the blanks:-   5×1=5

1) Meerabai was the disciple of _____ Ravidas

2) Later chola period was known for beautiful _____ gopurams

3) The highest peak in the Andes is _____ on the chile-Argentina border. Mount Aconcagua

4) _____ map is an essential tool of a geographer. Sav)

5) _____ is the first woman to hold a Union Foreign Minister's post. Sushma

III. Match the following:-   5×1=5

1) Ramcharitmanas	-	SriLanka 4
2) Rhea	-	Japan 5
3) Large scale map	-	The flightless bird 2
4) Sirimovo Bandaranaike	-	Tulsidas 1
5) Junko Tabei	-	District (or) town 3

(2)   VII SOCIAL SCIENCE

5×1=5

IV. State true or false:-
1) Sufism was responsible for the spread of Islamic culture. *True*
2) Guru Nanak is considered the first guru of sikhs. *True*
3) The basic Tamil saivite sacred canon consists of 12 books. *True*
4) Brihadeeshwara temple was built by Rajendra Chola. *True*
5) Vijayanagar and Nayak paintings are seen at temple at Dadapuram. *False*

V. Give short answers:- Any Five
5×2=10

1) What do you know about Tirumurai? 113.
2) How did Gurunanak help to found Sikhism? 113
3) Point out the special features of Thanjavur Big temple? 123
4) Name the boundaries of North America. 163
5) What is called "4'O clock rains"? 163
6) What are the uses of Maps? 179
7) Discuss about various roles played by women in Society? 189
8) What is gender equality? 189

VI. Answer the following in detail:- Any three
3×5=15

1) What impact did Bhakti movement make on Indian Society? 113
2) The Pallava epoch witnessed a transition from rock-cut to free standing temples.- explain. 123
3) Give an account of the climate of North America? 163
4) What are the elements of Maps? Write about it? 171
5) Write an essay on importance of Women's education? 189

VII. Mark the following places on the outline of North America Map:
Any Five:-
5×1=5

1) United States
2) Canada
3) Rocky Mountain
4) Pacific Ocean
5) Atlantic Ocean
6) Mexico
7) Missisippi river
8) Missouri river

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