



Maths

I. Choose the correct answers

20 X 2=40M

1. Ascending order of the numbers 6,-2,0,-5 is []
a. -5,-2,0,6 b. -2,-5,0,6 c. 0,-2,-5,6 d. 6,0,-2,-5
2. Which is the smallest number in -8,5,0 is []
a. 5 b. -8 c. 0 d. none
3. The value of $4+(-3) =$ _____ []
a. 0 b. 2 c. 1 d. -3
4. $15 \times (-3) =$ _____ []
a. 45 b. 15 c. -15 d. -45
5. $(-3) \times$ _____ $=27$ []
a. -9 b. 9 c. -3 d. 3
6. For any integers a what is $(-1) \times a$ equal to ? []
a. A b. -a c. -1 d. a^{-1}
7. $-25 \div$ _____ $=25$ []
a. 25 b. 5 c. -1 d. 1
8. Razia completes $\frac{3}{7}$ parts of her home work while reshma completed $\frac{4}{9}$ of it. Who has completed the lesser part? []
a. Rekha b. rekha & razia c. razia d. none
9. $1 - \frac{4}{7} =$ _____ []
a. $\frac{2}{7}$ b. 3 c. $\frac{4}{9}$ d. $\frac{3}{7}$
10. The ascending order of $\frac{5}{8}, \frac{5}{6}, \frac{1}{2}$ is []
a. $\frac{5}{6}, \frac{1}{2}, \frac{5}{8}$ b. $\frac{1}{2}, \frac{5}{6}, \frac{5}{8}$ c. $\frac{1}{2}, \frac{5}{8}, \frac{5}{6}$ d. $\frac{5}{8}, \frac{5}{6}, \frac{1}{2}$
11. A rectangular sheet of paper is $5 \frac{2}{3}$ cm long and $3 \frac{1}{5}$ cm wide. Its perimeter is []
a. 17.63 cm b. 17.55cm c. 16.73cm d. 17.73cm
12. Abdual is preparing for his final exam he has completed $\frac{5}{12}$ part of his course content. Then how much course content is left []
a. $\frac{6}{12}$ b. $\frac{5}{12}$ c. $\frac{3}{7}$ d. $\frac{7}{12}$
13. Nazia ha 20 marbles. Reshma has $\frac{1}{5}$ of the number if marbles that nazia has how many marbles does rashma have []

- a. 4 b. 5 c. 6 d. 10
14. $3/6 \times 10 = \underline{\hspace{2cm}}$ []
- a. 4 b. 5 c. 3 d. 6
15. $2/5$ of is = $\underline{\hspace{2cm}}$ []
- a. 2 b. 15 c. 6 d. 2
16. A swimming pool is filled $3/10$ part in half an hour how much will it be filled in $1 \frac{1}{2}$ hour? []
- a. $6/10$ b. $7/10$ c. $8/10$ d. $9/10$
17. $2 \frac{1}{3} \times 3 \frac{1}{5} = \underline{\hspace{2cm}}$ []
- a. $7 \frac{7}{15}$ b. $6 \frac{7}{15}$ c. $3 \frac{7}{15}$ d. $2 \frac{7}{15}$
18. A truck runs 8km using of 1 litre petrol. How much distance will it cover using $10 \frac{2}{3}$ litres of petrol? []
- a. $84 \frac{1}{3}$ km b. $85 \frac{1}{3}$ km c. $86 \frac{1}{3}$ km d. $88 \frac{1}{3}$ km
19. $2/3 \times \underline{\hspace{2cm}} = 20/21$ []
- a. $9/7$ b. $8/7$ c. $10/7$ d. $11/7$
20. The reciprocal of $5/8 = \underline{\hspace{2cm}}$ []
- a. $1 \frac{5}{8}$ b. 8 c. 5 d. $8/5$

Physics

II. Answer the following questions

5X2 =10M

21. Jyothi was prepared to measure the temperature of hot water with a clinical thermometer of hot water with a clinical thermometer. Is it right (or) wrong why?
22. How will you help your neighbours in case cyclone appeochhas your village?
23. In series connection of bulbs. If one bulb fails, why do all other bullies go off?
24. observe your surroundings and try to predict how tomorrow would be?
25. What is the angle between two plane mirrors when there are five images?

III. Answer the following questions

5X4=20M

26. Draw the diagram of six's maximum minimum thermometer?
27. Body can be at rest and in motion at the same time in relation to the same set of surroundings?

28. What is the difference between convex and concave mirrors?
29. Draw an electric circuit diagram consisting of a cell, a bulb and an electric switch?
30. Collect information from your elders and shopkeepers about where we use more mirrors and why?

Chemistry

IV. Answer the following questions 3X4=12M

31. What is meant by acid and base? How can you identify?
32. Prepare red cabbage juice? It is an indicator? How will you identify?
33. Visit a doctor? Find out the medicines she prescribes to treat acidity?

V. Answer the following questions 4X2 =8M

34. The sting of wasp is basic? how can you treat it?
35. What is the nature of ammonia ? explain?
36. Why acids are not stored in metal containers?
37. When nitric acid is added to egg shell what will happen?

VI. Fill in the blanks 5X1=5M

38. Acids are _____ in nature
39. Hydrogen gas is discovered by _____
40. Red litmus turns _____ colour in bases
41. Litmus paper is _____ indicator.
42. Onions contains_____

VII. Match the following 5M

- | | | |
|-----------------|--------|------------|
| 43. Lactic acid | [] | a. tomato |
| 44. Acetic acid | [] | b. lemon |
| 45. Citric acid | [] | c. vinegar |
| 46. Oxalic acid | [] | d. curd |