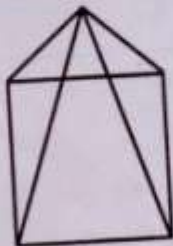


CLASS – VI - MATHEMATICS

1. Find the sum of the greatest 6 digit number and the least 5 digit number.
2. Population of Sundarnagar was 2,35,471 in the year 1991. In the year 2001 it was found to be increased by 72,958. What was the population of the city in 2001?
3. The number of sheets of paper available for making notebooks is 75,000. Each sheet makes 8 pages of a notebook. Each notebook contains 200 pages. How many notebooks can be made from the paper available.
4. Find the product of 738×103 using distributive property.
5. Test the divisibility of 639210 by 6.
6. Using the number line find the sum of 8 and -12 .
7. Write the opposite of (a) Increase in weight, (b) 30 Km north.
8. Check wheather $123 : 15 :: 41 : 5$ is a proportion?
9. Divide 20 pens between Sheela and Shivani in the ratio of 3 : 2.
10. Draw a circle of any radius and indicate the following in it (a) an arc (b) radius (c) sector (d) segment.
11. Round of 73965 to the nearest (a) tens (b) hundreds (c) ten thousands.
12. Find the value of $3845 \times 5 \times 782 + 769 \times 25 \times 218$.
13. Find the LCM of 80, 85 and 90.
14. A vendor supplies 32 litres of milk to a hotel in the morning and 68 litres of milk in the evening. If the milk costs ₹ 15 per litre, how much money is due to the vendor per day?
15. The traffic lights at three different road crossings change after every 48 seconds, 72 seconds and 108 seconds respectively. If they change simultaneously at 8 a.m., at what time will they change simultaneously again?

P.T.O

16. Simplify $28 + 34 - (-32) + (-38) + (-42) - (-39)$.
17. Name the polygon having (a) 8 sides (b) 6 sides (c) 10 sides.
18. A motorbike travels 220 km in 5 litres of petrol. How much distance will it cover in 1.5 litres of petrol?
19. If the cost of 7m of cloth is ₹ 294. Find the cost of 5m of cloth.
20. Draw the following (a) A Cone (b) Cuboid (c) Cylinder.
21. (a) Find the number of vertices, edges and faces of the adjoining figure.



- (b) Give two examples of a sphere.
22. Fill in the blanks with $>$, $<$ or $=$ sign. (show the method)
- (a) $(-21) - (-10)$ $(-31) + (-11)$
- (a) $(-25) - (-42)$ $(-42) + (-25)$
23. In a year Seema earns ₹ 7,50,000 and saves ₹ 1,50,000.
Find the ratio of :
- (a) Money that Seema earns to the money she saves.
- (b) Money that she saves to the money she spends.
24. The cost of 5 kg. of wheat is ₹ 30.50 :
- (a) What will be the cost of 8 kg. of wheat?
- (b) What quantity of wheat can be purchased in ₹ 61?
25. (a) Determining 25110 is divisible by 45.
- (b) Write the greatest 5 digit number and find its prime factorisation.
26. Find the smallest 4 digit number which is divisible by 18, 24 and 32.