

D.A.V PUBLIC SCHOOL, POKHARIPUT, BHUBANESWAR

ANNUAL EXAMINATION, 2021-22

DATE: 09.03.2022, CLASS: V, SUBJECT: MATHEMATICS

TIME : 1 HOUR 30 MINS

MAXIMUM MARKS: 40

- * All the questions are compulsory.
- * Be careful while selecting and clicking your options.
- * Leave your browser only after submitting successfully.

Q1. Choose the correct option

(1 x 25 = 25)

1. $168.84 \div 14 = 1688.4 \div$ _____
(a) 10 (b) 40 (c) 400 (d) 100
2. Convert $\frac{5}{8}$ into decimal form is _____
(a) 0.265 (b) 6.25 (c) 0.625 (d) 0.526
3. $0.009 \times 50 =$ _____
(a) 0.45 (b) 0.045 (c) 0.54 (d) 0.054
4. Product of two decimals is 261.36. If one of them is 17.6, the other is _____
(a) 18.45 (b) 15.48 (c) 14.85 (d) 14.58
5. Amit weighs 50.84kg. His father is 1.5 times heavier than he is. His father weighs _____ kg.
(a) 51.89 (b) 52.34 (c) 76.26 (d) 75.62
6. The number 32.736 rounded up to hundredths place is _____
(a) 32.730 (b) 32.700 (c) 32.740 (d) 33.746
7. The number $3\frac{12}{17}$ expressed as a decimal correct to two decimal places is
(a) 3.70 (b) 3.71 (c) 3.69 (d) 3.706
8. $100 - 56 \div 7 + 15 \times 2 =$
(a) 130 (b) 122 (c) 132 (d) 124
9. The average of all odd numbers between 20 and 30 is _____
(a) 125 (b) 5 (c) 25 (d)
10. The number whose 6% is 8.1 is _____ .
(a) 130 (b) 125 (c) 120 (d) 135
11. A cap is bought at ₹ 12.50. It is sold at a loss of ₹ 4.25 . At what price was the cap sold ?
(a) ₹ 16.50 (b) ₹ 16.75 (c) ₹ 9.50 (d) ₹ 8.25

12. A man bought a dozen eggs at ₹ 1.10 per egg. He sold the eggs at ₹ 1.50 per egg. What was his profit ?
 (a) ₹ 4.40 (b) ₹ 4.80 (c) ₹ 6.00 (d) ₹ 3.60
13. A fisherman borrowed ₹ 5000 at 15% interest per annum. At the end of 5 years, he repaid ₹ 4200, and a watch for the balance amount. Find the cost of the watch.
 (a) ₹ 3750 (b) ₹ 8750 (c) ₹ 4550 (d) ₹ 4540
14. Each angle of an equilateral triangle is _____ degree.
 (a) 45 (b) 50 (c) 60 (d) 180
15. In a bundle of 20 sticks, there are 4 sticks each of length 1m 50cm, 10 sticks each of length 2m and each of the rest is 1m long. What is the average length of the sticks in the bundle ?
 (a) 1.5 m (b) 1.6m (c) 1.7m (d) 1.4m
16. Tinu goes to the market with ₹ 132, She spends 75% of her money in the market. How much money is left with her ?
 (a) ₹ 99 (b) ₹ 100 (c) ₹ 33 (d) ₹ 44
17. A shopkeeper buys 10 pairs of shoes for ₹ 190 each. He makes a profit of ₹ 300 by selling all of them. At what price did he sell each pair ?
 (a) ₹ 200 (b) ₹ 210 (c) ₹ 220 (d) ₹ 230
18. In a triangle ABC, if $\angle A = \angle B = 75^\circ$, then find $\angle C$
 (a) 60° (b) 50° (c) 40° (d) 30°

a)

SHIVA STORE		BILL		Phone : 432601 Bill No.: 2512	
Upper Bazar, Kanpur 5			Date		
Name & Address: Mr Karim Chowk Area, Kanpur					
S.No.	Item	Quantity	Rate	Amount	
1.	Exercise Books	6	7.50	45.00	
2.	Pens	2	9.25	18.50	
3.	Toffees	500 g	120.00/kg	60.00	
				Total	Rs 122.50
For Shiva Store					

Look carefully at the bill given below and answer the questions .

19. Which amount given in the bill shows error
 (a) ₹ 45 (b) ₹ 18.50 (c) ₹ 60.00 (d) ₹ 122.50
20. What is the total bill amount ?
 (a) ₹ 121.50 (b) ₹ 124.50 (c) ₹ 123.50 (d) ₹ 123.00
21. 106 rounded off to the nearest ten is _____
 (a) 100 (b) 110 (c) 120 (d) 10

22. Simplify : $3.6 \div 0.9 \times 0.5 - 2 =$ _____
(a) 10 (b) 01 (c) 0 (d) 0.5

23. To find the average of 3.8, 4.9, 7.5, 3.4 ,we should divide _____ by _____

(a) 4, 19.6 (b) 19.6, 4 (c) 19.5, 4 (d) 20.6 ,4

24. Convert 1.05 into a percent .

(a) 15% (b)10% (c)105% (d)1.5%

25. If S.P. = ₹13456, Loss = ₹ 544, C.P.= _____

(a) ₹14,000 (b) ₹15,000 (c) ₹13,000 (d) ₹14,500

Q(III) Fill in the blanks.

(1x5=5)

26. Principal = _____ - Interest

27. If one of the angle of a triangle is a right angle, the other two are _____.

28. 81504 rounded off to the nearest thousand is _____.

29. If $4137 \div 1.75 = 2364$, then $41.37 \div 17.5 =$ _____.

30. The average of three numbers is 18. If two of the numbers are 16 and 20, the third number is _____.

(Amount, acute, 82000, 2.364, 18)

Q(III) Answer in one word

(1x10=10)

31. If 1kg of milk has 0.268 kg of fat, how much fat is there in 10.5 kg of milk ?

32. Simplify: $15 \times 5 - 60 \div 15$

33. Round off the sum of 6 10 577 and 14 58 545 to nearest ten thousands.

34. A cricketer scored 20,10, 120,0 and 150 respectively in 5 one-day matches. What was his average score?

35. Find the value of 32% of 25.

36. What percentage of 80 is 20?

37. A chair was bought for ₹575. At what price should it be sold to gain ₹57?

38. Mr. Sinha went out for dinner. The amount of the bill was ₹875 and 5% tax. Find the amount paid by him.

39. Calculate the Amount for ₹800 at 6% per annum for $4 \frac{1}{2}$ years.

40. Find the third angle of the triangle, when two angles are 65° and 25° .
State the kind of triangle.

ANSWER

31. 2.814 kg
32. 71
33. 2070,000
34. 60 runs
35. 8
36. 25%
37. 632
38. 918.75
39. 1016
40. 90, Right angled triangle.

ANSWERS

31. 1,000,258
32. 5,43,99,846
33. 317584
34. 35.75 litres
35. 3021.607
36. 98.6 degree F or 37 degree C
37. 184
38. good ones 6 kg, rotten – 1 and half kg(1.5 kg)
39. 50
40. 6 and 8