Class V - Annual Examination – 5

Choose the correct answer **[1X10=10]**

1. The number of lines of symmetry for the given triangle is _____.

a) 1 b) 2

c) 0 d) 3

2. The value of 0.5 x 0.7 = _____.

a) 35 b) 3.5

c) 0.035 d) 0.35

3. To add -2 to -3, we need to _____ on the number line.

a) Move to places to the right of -3

b) Move 3 places to the left of 0

c) Move 3 places to the left of -2

d) Move 3 places to the right of -2

4. Twice a right angle refers to _____.

a) Acute angle b) 90^0

c) Obtuse angle d) Straight angle

5. In a pictograph, if one represents 5 flowers, then 25 hearts will be represented by _____

a) 4 b) 5

c) 3 d) 6

6. Which of the following fractions is equivalent to $\frac{2}{3}$.

a) $\frac{5}{3}$ b) $\frac{8}{6}$

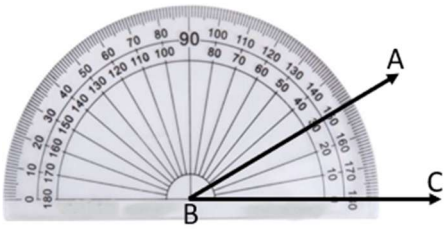
c) $\frac{10}{25}$ d) $\frac{12}{18}$

7. By adding the greatest negative number with 1, we get _____.

a) 0 b) 2

c) 3 d) -1

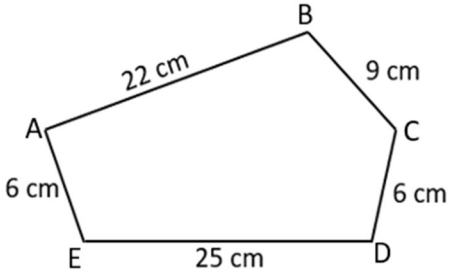
8. What is the measure of angle ABC?



a) 20^0 b) 45^0

c) 30^0 d) 60^0

9. The perimeter of below given figure is _____.



a) 68 sq. cm b) 68 cm

c) 72 cm d) 70 cm

10. Absolute value of negative number is a negative number.

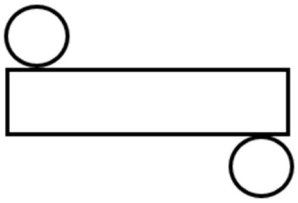
a) True b) False

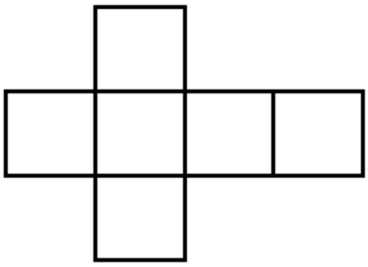
Answer the following and show the working **[2X5=10]**

11. The capacity of the parking lot in a shopping mall is 90. If $\frac{2}{3}$ of the parking lot is filled with cars, then how many cars are parked in shopping complex.

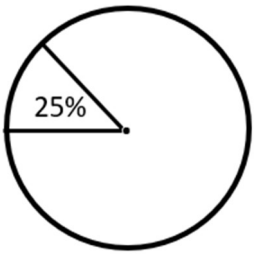
12. A rectangle park has a length of 40 m and a breadth of 20 m. What is the perimeter of the park?

13. Which geometric shape do the below figure represent?

a) 

b) 

14. Represent the given percentage in decimal and fraction.



15. –6 – (–9) = _____

Answer the following and show the working **[3 + 3 + 4]**

16. a) 66 + |– 25| – |27|

b) 24 + (–15) + 20

c). Using a protractor, draw an angle AOB of 125°.

Answer the following and show the working **[3 + 3 + 4]**

17. a) If 21 out of 30 oranges are in good condition, find the percentage of good oranges.

b)

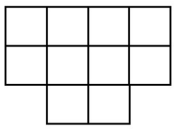
i) Mention the type of angle formed between the hands of a clock when the time shows 6 o'clock on the analog watch.

ii) Express 650 m as a percentage of 1 km.

c) In an aquarium, $\frac{3}{8}$ of the fish are goldfish. The goldfish are shared equally amongst 9 fish tanks. What fraction of the fish in each tank are goldfish?

Answer the following and show the working **[3 + 3 + 4]**

18. a) Find the area and perimeter of the figure given below, where each square has a side of length of 1 cm.



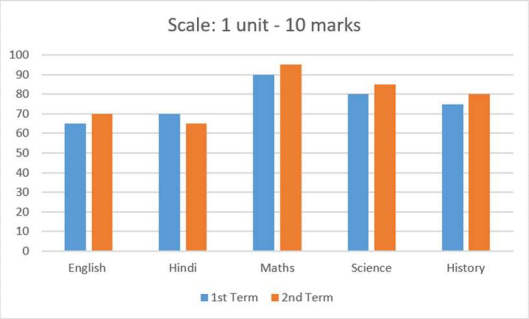
b)

i) Write 9.005 in words.

ii) Express seventy-eight thousandth in decimal.

iii) Express 5.034 in decimal expansion.

c) Study the below provided graph and answer the following questions.



i) In which subject did the student perform the best?
ii) In which subject did the student score less in the 1st term?
iii) In which subject did the student score more in the 2nd term?
iv) What kind of graph is this?

Answer the following and show the working **[3 + 3 + 4]**

19.

a) John has a jug full of water. He poured the entire water into 5 glasses, each glass with a capacity of 0.8 L. How much water was there in the jug?

b) Add: $3\frac{2}{7} + 2\frac{4}{5}$

c) Length and breadth of a rectangular plot is 40 m and 30 m respectively. Find the area and perimeter of the plot.

Answer the following and show the working **[3 + 3 + 4]**

20.

a) Boby bought 7 kg 600 g of apples, 2 kg 350 g of oranges and 6 kg 400 g of mangoes from the market. How many kilograms of fruit did she buy?

b) Draw and mention any two English alphabets having two lines of symmetry.

c) Find the distance between the height of the aeroplane and the submarine, where the aeroplane is at a height of 5500 feet above sea level and the submarine is 1150 feet below sea level.

Answer the following and show the working **[3 + 3 + 4]**

21.

a) What number should be added to 28.64 to get the greatest 2 digit even number?

b) The raw data given below informs us about the game played by 15 students at a school.

Cricket	Football	Badminton	Lawn tennis	Football
Cricket	Lawn tennis	Badminton	Cricket	Football
Football	Badminton	Cricket	Football	Cricket

Games	Number of students

c) A cuboid is 12 cm long, 5 cm broad and 4 cm high, whereas a cube has an edge of 8 cm. Which one has greater volume and by how much?