**JUNIOR’S ZONE SCHOOL**

ANNUAL EXAM (2017-18)

 **SUB.: Maths CLASS- VI**   **Max. Marks: 80**

**Section-A (10 marks)**

1. Which of the following fraction is a proper fraction?

 a) 2  b)  c)  d) 

1. The collected information is called

 a) data b) frequency c) tally mark d) table

1. What will be the perimeter of a square if its side is 5 cm?

 a) 25cm b) 20 cm c) 30 cm d) 10cm

1. What will be the ratio of 45 kg to 75kg?

 a) 3 : 5 b) 5: 3 c) 4 : 7 d) 5 : 5

1. What will be the sum of 500 + 20 + in decimal?

 a) 520.3 b) 502.3 c) 520.03 d) 502.03

1. What will be the area of a rectangle with length 12 cm and breadth 5 cm?

 a) 17 sq.cm b) 34 sq.cm c) 60 sq.cm d) 7 sq.cm

1. What is the frequency of 4 in the data 4, 3, 4, 2, 5, 6, 4, 3, 2?

 a) 2 b) 3 c) 4 d) 5

8. What is the measure of a right angle?

a) 90° b) 180° c) 45° d) None of these

9. Which integer is 3 more than – 2?

a) 5 b) 1 c) (– 1) (d) None of these

10. How many faces does a cuboid have?

 a) 4 b) 6 c) 8 d) None of these

**Section-B (32 marks)**

1. Amina is x years old now.
2. What will be her age after 5 years? b) What was her age before 3 years?
3. Check if 32m: 64 m and 6 sec: 10 sec are in proportion or not.

13.Find the sum of ( - 2) , 38 and ( - 68)

***OR***

Find the value of 30 – (- 10) + 15

1. What should be subtracted from 10.1 to get 4.57 ?

***OR***

 Raju bought a book for Rs. 55.35. He gave Rs. 100 to the shopkeeper. How much money will he get back from the shopkeeper?

1. Write the following statements in algebraic form using variable

 (a) 3 more than p (b) 7 less than z.

1. A train covers 160 km in 2 hours and a car covers 180 km in 3 hours. Find the ratio of the speed of

train to the speed of the car.

1. A truck travels 108 km in 18 litres of diesel. How far it will go in 32 litres of diesel?
2. Following pictograph shows the number of tractors in the five villages.



Observe the pictograph and answer the following questions:-

a) Which village has minimum number of tractors?

b) Which village has maximum number of tractors?

c) How many less tractors village D has as compared to the total number of tractors in three villages

A, B and C.

**Section-C (38 marks)**

1. A merchant had Rs 3,78,500 with him. He placed an order for the purchase of 25 TV sets at Rs 12,500

each. How much money will remain with him after the purchase?

1. A piece of wire 5 meter long broke into two pieces. One piece was meter long. Find the length of the other piece.

***OR***

 Shivam travelled 20 km by car and 10km by bus. Find the total distance travelled by him.

1. The marks obtained by 6 students in a Maths competitive test are given below. Represent the data in a bar graph choosing 1 unit = 10 marks.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Students :** | Sonu | Rahim | Manish | Asha | Gurpreet | Afzal |
| **Marks :** | 80 | 70 | 90 | 100 | 60 | 80 |

1. Lily runs around a square field of side 140 meter and Lalita runs around a rectangular field of length 120 meter and breadth 100 meter. Who covers more distance and by how much ?

***OR***

 Akash wants to cover his square shaped bathroom of side 3 meter with tiles. If the length of each tile

is 30 cm and breadth is 20 cm, how many tiles he needs to cover the floor ?

1. a) Draw an angle 90° by using ruler and compass.

b) Draw a line segment XY of length 10 cm. Divide it into 4 equal parts using compass and ruler.

1. Name the given triangles in two different ways:

**  **

1. **b) c)**

**xxxxxxxxxxxx**