

PVG's
Muktangan English School & Jr. College, Pune - 9
Summative Written Test - I (2024-25)
Standard - VI

Subject - Mathematics
Date - 21.10.2024

Marks - 40
Time -

Q. 1A) Fill in the blanks choosing the correct alternatives given. [4]

1) An angle which is 360° is a _____ angle.

- a) Reflex b) Obtuse c) Complete

2) The number 250 is divisible by _____ .

- a) (2, 5, 10) b) (2, 3, 10) c) (2, 3, 9)

3) Alphabets _____ are symmetrical.

- a) (M, C, Z) b) (A, H, M) c) (D, K, L)

4) A _____ has a starting point and an end point.

- a) Line b) Line Segment c) Ray

B) Say whether the given statement is True or False. [4]

1) The place value of the digit 7 in the number 3.748 is $\frac{7}{10}$.

2) Reciprocal of the number 2 is $\frac{2}{1}$

3) $\frac{723}{10} = 72.3$

4) The distance between 2 adjacent bars in a bar graph should be equal.

Q.2 Attempt any six of the following. [12]

1. Solve : If $317 \times 45 = 14265$

then a) $3.17 \times 4.5 =$

b) $31.7 \times 4.5 =$

2. Convert the common fraction into decimal fraction $\frac{17}{20}$
3. Carry out the following division : $\frac{6}{7}$, $\frac{9}{5}$
4. Add : $40.22 + 20 + 3.826$
5. Virendra bought 18 bags of rice, Each bag weights 5.250 kg. How many rice did he buy altogether?
6. Show the following decimal fractions on the number line.
a) 3.4 cm b) 6.1 cm
7. Convert into decimal fraction 20.6 , 2

Q.3 Attempt any four of the following

[12]

- 1) Write the divisibility test of 3 and find out whether the following number are divisible by 3 or not.
a) 992 b) 7314
- 2) Write all the factors of the given numbers and list their common factors.
21 and 27
- 3) Draw an angle ABC of measure 140° and bisect it.
- 4) Find the L. C. M. of the following numbers
6 and 8
- 5) Write the numbers in the following examples using the proper sign :
a) A submarine is at a depth of 900 meters below sea level =
b) The height of Mt Everest in the highest peak in the Himalayas, is 8848 metres =
c) The tunnel is at a depth of 8 meters under the ground =

Q. 4 Attempt any two of the following.

[8]

1. Anita was driving at a speed of 85.6 km per hour. The road had a speed limit of 45.8 km per hour. By how much should she reduce her speed to be within the speed limit.
2. The names and number of animals in a certain Zoo are given below. Use the data to make a bar graph.
(Scale : On Y axis, 1 cm = 4 animals)

Animals	Deer	Tiger	Monkey	Rabbit	Peacock
Numbers	20	24	12	16	08

- 3) Find the HCF of the following numbers by filling the given boxes.

HCF of 24 and 26.

Factors of 24 are = 1, 2, , 4, , 8, 12, 24

Factors of 36 = 1, 2, 3, 4, , 9, , 18, 36

Common factors of 24 and 36 are : 1, 2, 3,

Therefore, the HCF of 24 and 36 is



