

State Council for Educational Research and Training, Maharashtra, Pune.

Bridge Course -Post Test

Sub: Mathematics

Standard-Seven

Marks -20

Student's Name -

Note: 1. All questions must be solved.

2. The numbers in the brackets on the right indicate marks.

Q1. Match the following.

(Marks 2)

Measure of Angle

type of Angle

1) 190°

A) Complete Angle

2) 360°

B) Straight Angle

C) Reflex Angle

Q2. Solve.

A) Write the opposite numbers of the following numbers.

(Mark 1)

The opposite number of (-48)

The opposite number of 15

B) Convert the following fractions to decimal fractions.

(Marks 2)

1) $\frac{42}{50}$

2) $\frac{19}{25}$

C) Write any three numbers made by three digits which are divisible by 4. (Mark 1)

.....

Q3. Solve.

(Marks 4)

1) $85.212 - 3.410$

2) $17.5 \div 5$

Q 4. Do as directed.

(Marks 2)

1) Draw a line segment XY of length 9 cm and bisect it with a compass and ruler.

2) Using the appropriate instruments from the compass box, draw an angle of 80° and bisect it.

Q 5. Solve the following word problems.

(Marks 8)

1) Samarjeet has 80 kg of Indrayani rice and 90 kg of basmati rice. This rice is to be filled in sacks. If each sack is to be filled with the same weight of rice, what is the maximum weight of grain that can be filled in each sack?

2) Amar had some goats. After losing 56 of them, he is left with 192 goats. How many goats did he have in all?

3) Rashmi has 48 notebooks and 16 textbooks. Find the ratio number of textbooks to number of notebooks.

4) If Lakshmi got 720 marks out of 800 in a test, then find the percentage she got?