

State Council of Education Research and training Maharashtra Pune
Bridge Course : –Post Test

Subject: Mathematics.

Standard - 8th

Total marks – 20

Q. 1 (A) : Fill in the blanks.

(4)

(1) The LCM of 11 and 13 is

(2) $3^5 \div 3^3 = 3$

(3) The measure of an exterior angle of a triangle is equal to theof the measures of its remote interior angles.

(4) Area of a right-angled triangle = $\frac{1}{2} \times$

Q. 2. - Solve any THREE of the following questions.

(6)

(1) Solve the following example :

$(-64) \div 16$

(2) Multiply :

$12xy \times 3x^2y$

(3) Solve : (1) $(-2) \times (-3)$

(2) $(-9) \div 3$

(4) Find the area of the square having side 12 cm.

Q. 3. - Solve any TWO of the following questions.

(6)

(1) Write three rational numbers that lie between the two numbers $\frac{3}{8}$ and $\frac{7}{8}$

(2) If 4 kg onion cost 120 rupees, how much must we pay for 5 kg onion?

(3) Subtract the second expression from the first.

$(15x - 4y - 3)$; $(5x - 3y + 12)$

Q. 4. - Solve any ONE of the following questions.

(4)

1) If Darsh deposits 1,00,000 rupees in a bank at 7 p.c.p.a. for 2 years, what is the total amount he will get at the end of the period?

2) One side of a cubic box is 0.5 m. How much will it cost to paint the outer surface of the box at the rate of 40 rupees per sqm?