SAMPLE PAPER(MATHS)

Q1 Which fraction is not equal to .

a)

b)

c)

d)

Answer- (c)

Q2 What will come in the place of star mark (*) in the following number series:

615+(222+38)= (615+ *)+38

a) 615
b) 222
c) 38
d) None of these

Answer- (b) 222

Q3 Two successive number which are prime?

a) 3 and 5
b) 2 and 3
c) 5 and 7
d) 17 and 19

Answer- (b) 2 and 3

Q4 A picture is 60cm wide and 1.8m long. What is the ratio of its width to its perimeter in lowest form?

a) 1:2
b) 1:3
c) 1:4
d) 1:8

Answer- (d) 1:8

Q5 Form the equations:

Sum of 6 times x and 8-times y = 70

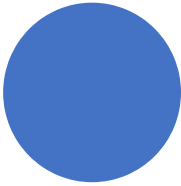a) 6x= 8y + 70
b) 8x+6y= 70

c) 6x+8y= 70

d) 8x=6y+70

Answer- (c) 6x+8y=70

Q6 Which of the following is the roman numeral of 69?

a) LXXI

b) CXIX

c) LXIX

d) CXXI

Answer- (c) LXIX

Q7 Which of the following has only one line of symmetry

a)

c)

b)

d)

Answer- d)

Q8 The sides of a right-angled triangles are 2a cm, 2a + 2 cm and (4a-2) cm long. What is the length of shortest side of the triangle if its perimeter is 24 cm?

a) 6 cm

b) 8cm

c) 11cm

d) 3 cm

Answer-(a) 6 cm

Q9 How many lines can pass through two given points?

a) 1

b) 2

c) 3

d) Infinite

Answer- (d) infinite

Q10A vessel has 5 litres 120 millilitres of mango shake. How many glasses each of 40 ml capacity, can be filled with it?

a) 122

b) 128

c) 116
d) 130

Answer- (b) 128