Mathematics - FSC Part 2 Mathematics Full Book Short Questions Preparation

Q1.

Ans 1:

Q2.

Ans 1:

Q3.

Ans 1:

Q4.

Ans 1:

Q5.

Ans 1:

Q6.

Ans 1:

Q7.

Ans 1:

Q8. Define point circle.

Ans 1: If the cone is cut by a plane passes through the vertex A, then the intersection is just a single point or a point circle.

Q9. Define radius of the circle.

Ans 1: The distance from the centre of the circle to any point on the circle is called the radius of the circle.

Q10.

Ans 1:

Q11.

Ans 1:

Q12.

Ans 1:

Q13.

Ans 1:

Q14.

Ans 1:

Q15.

Ans 1:

Q16.

Ans 1:

Q17.

Ans 1:

Q18. Find the slope and inclination of the line bisecting the first and third quadrant.

Ans 1: Inclination of the line = 45°
slop of the line = tan 45° = 1

Q19. The xy-coordinate axes are translated through the point O' (4, 6). The coordinates of the point P are (2, -3) referred to new axes. Find the coordinates of P referred to the original axes.

Ans 1:

Q20.

Ans 1: