

Question 19 : Choose the option **closest in meaning** to the following word.

19. Salient
- a) most prominent
 - b) very aggressive
 - c) most sensitive
 - d) very convenient

Question 20 : Choose the option that is **closely opposite in meaning** to the following word.

20. Attractive
- a) rude
 - b) repellent
 - c) genteel
 - d) crude

Quantitative Ability-Short Answer type questions (SA)

Instructions - Read the question and enter the answer in the box / space provided

Question 1: The shortest distance between a point on the line $3x + 4y + 14 = 0$ and a point on the circle $(x - 1)^2 + (y - 2)^2 = 4$ is _____.

Question 2: A solid metallic *spherical* ball is melted to make 250 identical solid metallic *hemispherical* balls. If the original metallic ball requires 10 litres of colour to be painted on its surface, then _____ litres of colour would be required to paint all the 250 *hemispherical* balls.

Question 3: Sum of the roots of the equation $y^2 + |y - 1| - 1 = 0$ is _____.