10 Important MCQ on Linear Quadratic Equation (Part-2) For SBI Clerical Canara Bank PO DMRC Railway Exam 2018

Direction (1- 10): In the following questions, two equations numbered I and II are given. You have to solve both questions and give answer among the following options.

(a) ifx>y

(b) ifx≥y

(c) ifx<y

(d) ifx≤y

(e) ifx=y or the relationship cannot be established.

Q1. **I.** $2x^2 - x - 241 = 0$
II. $2y^2 + 43y + 241 = 0$

Q2. **I.** $\sqrt{2}x^2 + 7\sqrt{2}x + 12\sqrt{3} = 0$
II. $5y^2 - 66y - 56 = 0$

Q3. **I.** $55x^2 - 495x + 1100 = 0$
II. $5y^2 + 10y - 120 = 0$

Q4. **I.** $9x^2 - 94.5x + 243 = 0$
II. $4.5y^2 - 13.5x - 486 = 0$

Q5. **I.** $x^2 - 87x - 270 = 0$
II. $7y^2 - 11y - 18 = 0$

Q6. I. $x^2 - 19x + 84 = 0$
II. $y^2 - 25y + 156 = 0$

Q7. I. $x^3 - 468 = 1729$
II. $y^2 - 1733 + 1564 = 0$

Q8. I. $\frac{9}{\sqrt{x}} + \frac{19}{\sqrt{x}} = \sqrt{x}$
II. $y^5 - \frac{(2\times14)^{11/2}}{\sqrt{y}} = 0$

Q9. I. $x^2 - 11x + 24 = 0$
II. $2y^2 - 9y + 9 = 0$

Q10. I. $\sqrt{500}x + \sqrt{402} = 0$
II. $\sqrt{360}y + (200)^{1/2} = 0$

Click Here For Answers