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Numerical Ability for SBI Clerk Prelims Exam 2018

Directions (Q1-5): In these questions, two equations numbered I and II are given. You have to solve both the equations and give answer:
(a) if x < y
(b) if x > y
(c) if x ≤ y
(d) if x ≥ y
(e) if x = y or relationship between x and y cannot be determined

Q1. I. $x^2 - 9x + 18 = 0$
II. $5y^2 - 22y + 24 = 0$

Q2. I. $6x^2 + 11x + 5 = 0$
II. $2y^2 + 5y + 3 = 0$

Q3. I. $x^2 + 10x + 24 = 0$
II. $y^2 - \sqrt{625} = 0$

Q4. I. $10x^2 + 11x + 1 = 0$
II. $15y^2 + 8y + 1 = 0$

Q5. I. $15x^2 - 11x + 2 = 0$
II. $10y^2 - 9y + 2 = 0$

Directions (Q.6-10): In the following questions two equations numbered I and II are given. You have to solve both the equations and give answer
(a) if x < y
(b) if x > y
(c) if x ≤ y
(d) if x ≥ y
(e) if x = y or relationship between x and y cannot be determined

Q6. I. √x-√6/√x=0
II. y^3-6^(3/2)=0

Q7. I. 3x-2y=10
II. 5x-6y=6

Q8. I. x^2+x-12=0
II. y^2-5y+6=0

Q9. I. x^2+9x+18=0
II. y^2-13y+40=0

Q10. I. √(x+6)=√121-√36
II. y^2+112=473

Directions (Q11-15) : In each of the these questions, two equation (I) and (II) are given. You have to solve both the equations and give answer
(a) if x < y

(b) if x > y
(c) if x ≤ y
(d) if x ≥ y
(e) if x = y or no relationship can be established between x and y.

Q11. I. $x^2 - 24x + 144 = 0$
II. $y^2 - 26y + 169 = 0$

Q12. I. $2x^2 + 3x - 20 = 0$
II. $2y^2 + 19y + 44 = 0$

Q13. I. $6x^2 + 77x + 121 = 0$
II. $y^2 + 9y - 22 = 0$

Q14. I. $x^2 - 6x = 7$
II. $2y^2 + 13y + 15 = 0$

Q15. I. $10x^2 - 7x + 1 = 0$
II. $35y^2 - 12y + 1 = 0$