

23-800 + 15 = 0 & 2x3-00-15=0 Soln. 8 (1x-1)-(2x-8) (45x8)-(-15x-1 $\int S^{1} e^{\chi} p$ HXTIS 5050 Jug 6216 = (12x5-F12x1))3 = (US)2 = 2025 3x2-8x + 4=0 & 4x8-7x-2=0 p. Soln, 7 St 62(b == (-51 - (35)) - (10 - (-58) - 11 x44 = 484 Jug 6212 = (/ 0 = (- 6)) s = (22)2 = 48-U

3n(n-1)(n-1)

A2C3+ Bx-13=0 & Ax3+312-A=0 here, 9 -12 Y Ч 181 6200 = Jug 626 (1212-146) (-1412-(-3612)) = (-18-(-18))2 $(8b)(37b) = (-35)_5$ 32 x 8p2 = 31 x 32 P: +Q now, $(2xc-2)-3p)(-5p-2)=(-1x3-(-5x2))^2$ (-M-3b)(-Sp-2) = (-3+10)2 12 12 12 12 12 = QQ 12 b 5 + 3 e b - A1 = Q 30 b + 8 + 12 b 5 + e b = AQ 15 P2 - XXP +2EP - 41 =0 : P= 1 Or P= -41/15

Coff.

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ე. Solni

$$\frac{|b,d_1|}{|b,d_2|} = -2c$$

$$= -3c$$

$$= -3c$$

- x = d/-à

P1-P

Dc = 9-91

b1-10

by-b. Q - Q1

4.

$$x_3 + bx + d = 0 - 0$$

$$x_5 + dx + b = 0 - (1)$$

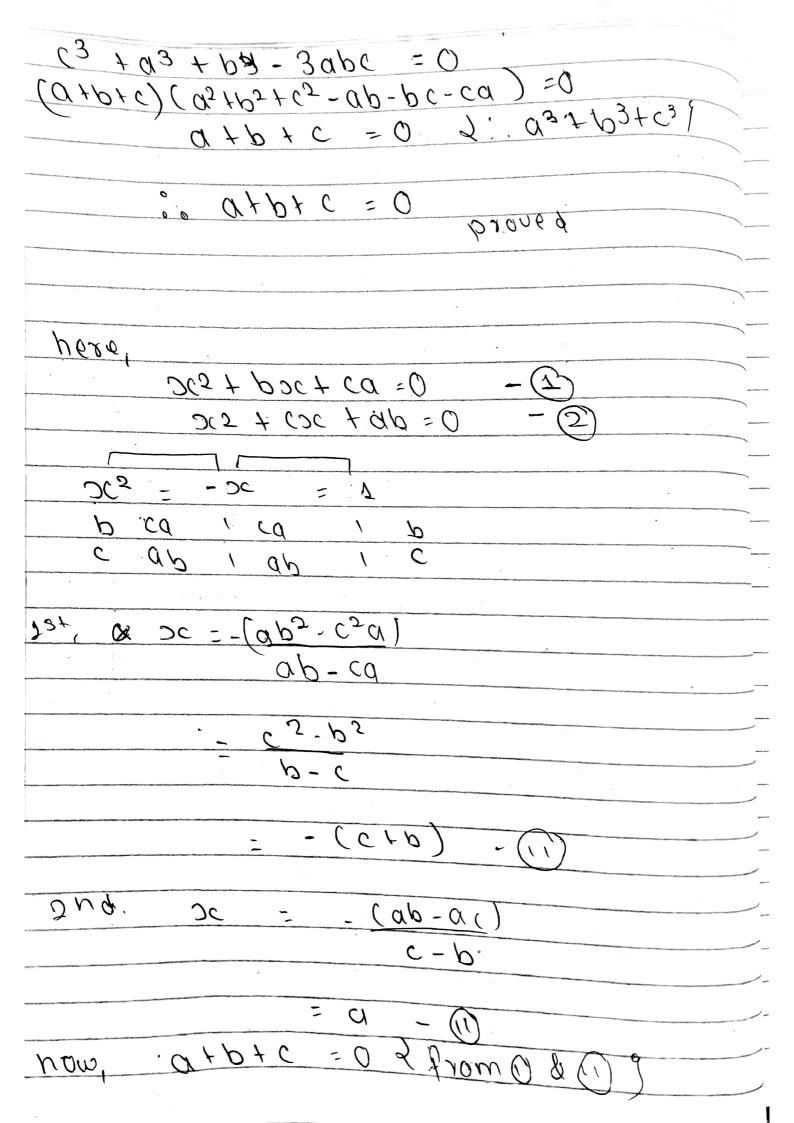
$$x_5 = -3c = 1$$

$$3 \text{ nd.} -\infty = p-q$$

$$x = 7$$

$$-p-d = 7$$

Sa/n $0 \times 5 + p \times c + c = 0$ $px_5 + cx + a = 0$ $A_{8t} = -(ap-c_s)$ (a_5-pc) = Co-ap 3ng exb'-2c- 05-pc From () & (i) $\frac{\alpha_5 - \rho_c}{c_5 - \alpha\rho} = \frac{\alpha c - \rho_5}{-(\alpha_5 - \rho_c)}$ $\frac{\alpha_5 - \rho_c}{c_5 - \alpha_p} = \frac{\alpha_c - \rho_s}{\rho_c - \alpha_s}$ $ax^{1} ac_{3} + a_{4} + ap_{3} - pa_{5} + ap_{3} = pea_{5} - pa_{4} + a_{5}pc$ $ax^{1} ac_{3} - c_{5}p_{5} - ap_{5}c + ap_{3} = pea_{5} - pa_{5}c_{5} - a_{4} + a_{5}pc$ $(c_{5} - ap)(ac - p_{5}) = (pc - a_{5})(a_{5} - pc)$



now, e 8 = -6-a and, x_{5} - ($\beta + \beta_{1}$) $x + \beta \cdot \beta_{1} = 0$ 265- [-p-a+c-c-a)]x+ [-cp+a).--(c+a)]=0 $\frac{x_5 + dx + (pc + a(a+p+c)) = 0}{x_5 + (p+a+c+a)x + (pc + pa+ac+a_5) = 0}$ X5 + ax + pc = 0