11xx = cinx + a = 1 = 1 = 1 = 1 = 1 = 1 = 1 = 1 = 1 =
(x) = sinx + cosx (C) y= (x)= x3 - 9x2 +24x
1'(x)= cosx - sinx 1'(x) = 3x - 18x + 24
0=cosx-sinx = 0 D
Sinx = rosx D. Domain (-0, p)
X= \(\frac{7}{4}\) \(\frac{7}{
$x = 0 \text{ or } x^2 - 9st > \psi = 0$
y-intercept, put x=0 f=0.
the graph passes shough the (0,0)
3. None
4. J(-x)=-x3-9x2-24x = J(x) No Symmetry
+-1(x) (x)
$5. \int_{-10}^{10} = 3(x^2 - 6x + 8) = 0$ $2 \int_{-10}^{10} (-\alpha_1 x) \left[(-\alpha_1 x) \right] $
$(x-4)(x-2) = 0$ $\frac{2}{3}$ $\frac{10}{3}$
(x-4)(x-2) = 0 $x=2, 4$ $(x-4)(x-2) = 0$ $x=2, 4$ $(x-4)(x-2) = 0$ $x=2, 4$ $(x-4)(x-2) = 0$ $x=2$
criticle point Df all at B.
p; (2, f(1)) = (2, 20)
B: (4)(4))=(4,16)
- 917 Jan 19 19 19 19 19 19 19 19 19 19 19 19 19
247
16- B
8
Ψ- 1 2 3 4 >
1 2 3 4
6. put (10) 6x-18=0 [(-01) (3,00)
Rossible in Jection (3,18) 1/2 - Ve +Ve.
Bossible in Jection (3,18) 1/2 - Ve +Ve

