Pure Mothematics

Lection 1 1- Sifferentiate In I Cold with recreet to X 3-70/16 9 CRT30-2 COTO = 1- La 0,000 COCIPO 3- Given that othe = 1/2 and of = 2/2. Form a quadratic A- Pape un few Good Ed and E/9. t-carre 10 cmm.

1-24-27-27=0

2x+2y+27=1

5-carre to equation 12x+2 - 1x+1 = 1x-2

6- inflorentiate you get and get a 7- Show that a log 4 + 1/100 25-10920 = 2/092 4-hatragle ARC, 2=70m, B=4cm & C=5cm LECTION Z. 7- Islue; @ 42m20 - 122m20 + 35020 = 0 For 0°CO D 3 Caro - 26/10 = 2 For 0° ED 52/0° E7/0° DFITTE length of the Centre of the Centre of the Centre of the length of the tempert from the Point (2,2) to the conde xty that the tempert from the Point (2,2) 11 = Express - Hail + il in modulus argument form.

D- Given that X-th and y= the True By. Hence show that I family 17 Denether on A=3/2 of Cost = 12/2 When A de to one counte; Ful the value of Dtan (A+12) Dtan (AHR) Decents 820 F 0= 92002 1 05/2 = 4/2 | 6 1 4/2 -102-100 20-6- 6- July - J.D. C

- sura est to survived be what the