Sarita Sangrez 231 - 2080 _Date ___ CY-A Homework 07. Q1. a) A= 15 3 · W = 23 ,0=15 R = 16 K = 11 4= B . 72 (A=1) P = 10 000 D = 400000 (23,15) , (18,11) , (8,1) , (18,4) pairs: Funded pair = Ax col. vector. r5 37 r 23 1. 15 r5x23 + 3x15 160 2x23 + 15 61 T 2 . (18 T T T T5x18 + 3x11 1237 T 2x18 + 1x11 47 3. 4. 102 7 1 40 encoded message: 160 , 61 , 123 , 47 , 43 , 40. 102, invesc of A = A -1 = -11 b) -2 A 1 × encoded vector. pair = Devoded r- 93 + 3x367 2×93 - 5×36 -5 x 160 1 FACKA.

Sarita Sangres. Date_ 4. 110 7 1 A F=6, B=3, 0=15 0 = 15 0 = 21 3 S= 19 , E=5. = 18 3 Devoled. message: OF COURSE. 2 vivor volume . Jos x A Enwolled 3 BXIS 331 + 85x27 2x23 + 15 01 851 TIXE 81×27 IN T EP 1-1 E 1 -501 . 14 B 011 13 P · spollen 160 128 , 47 100 1810 6 Meli

Vion

· valuar

28x2 - 50x5

8

L