WK-05 | 031-334 Day 5 Thursday 9 2019 Assignment Task JANUARY) employees. HR wants to order 10 some of shirts for them; so he gave the data of 500 employees to " data analyst that out of 500 employees 300 ordered XIL rand 2001 ordered 1. So tell me how many LLXI8 Te TShist 18 hould I order & C. f. = 95% Solu (1) FOR X L Size T-Shirts 4 population for XL P = 300 -0.65 Cm2500 # for 95% C.I. X = 0.05 from \

5 So ZX/2 = Z = 1296 z - Table Margin of error = Z/2 n W T F S S

1 2 3

6 7 8 9 10

13 14 15 16 17

20 21 22 23 24

27 28 1 12 13 14 15 16 17 ¹⁸ 19 20 21 22 23 **24** 25 26 27 28.

for population C.I. = P+ 3/2 / P(1-Pwk-05/032 FEBRUARY Margin of error = 1,96 x /24 5×104 1 1.96x0.0219 Margin of error = 0.0 So for 95% confidence Interval, Vange of employees who wear XI XLOSIZE is somewhere between 0.6 + 0.0430 0.640.43 643 or 64.3% anofor Ve = 0,6-0.43 Jewes Lini 0.557 0555.7% SO XL 8172 requirement is somethere botteren 55. 7% to FEBRUA And L Size = 100%- 64.3% 35 , 7% and 100%, ~ 55-7 1/3 35: