

U.G. 5th Semester Examination - 2020**STATISTICS****[PROGRAMME]****Skill Enhancement Course (SEC)****Course Code : STAG-SEC-T-1C****(MINITAB)**

Full Marks : 25(20+5)

Time : 2 Hours

*The figures in the right-hand margin indicate marks.**Candidates are required to give their answers in their own words as far as practicable.*

- Using MINITAB package, calculate mean, standard deviation and skewness of the following dataset on the monthly wages (in rupees) of the workers in a factory. Also draw a box-plot and comment.

830, 835, 890, 810, 835, 836, 869, 845, 898, 890,
820, 860, 832, 833, 855, 845, 804, 808, 812, 840,
885, 835, 836, 878, 840, 868, 890, 806, 840, 890.

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- Using MINITAB package, calculate the correlation coefficient and the line of regression of y on x from the following dataset on the heights of a sample of 10 fathers and their eldest sons.

Height of father in cm. (x)	170	167	162	163	167	166	169	171	164	165
Height of son in cm. (y)	168	167	166	166	168	165	168	170	165	168

4

- Practical notebook

5

- Viva voce

5

[Internal Assessment: 5]

[Turn over]