

U.G. 3rd Semester Examination - 2021**STATISTICS****[PROGRAMME]****Skill Enhancement Course (SEC)****Course Code : STAT-G-SEC-1A****(MS Excel)****[PRACTICAL]**Full Marks : 25(20+5) Time : $1\frac{1}{2}$ 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.**Notations and symbols have their usual meaning.*

1. You are given the export figures of a certain commodity (in suitable units) as follows:

Year	Export
1982	250
1983	256
1984	268
1985	297
1986	325
1987	382
1988	427

[Turn Over]

Using MS EXCEL fit a parabolic trend to the data.
Plot the observed and the fitted values. 5

2. The actual outlay on the public sector in the First and Third Five-Year Plans of India is shown below by heads of development:

Head of Development	First Plan outlay Rs. Crores	Third Plan outlay Rs. Crores
Agriculture & Community development	290	1096
Irrigation & Power	583	1927
Industries & mining	97	1965
Transport & Communications	518	2113
Social services	412	1422
Miscellaneous	60	85
Total	1960	8608

Draw a suitable diagram using MS EXCEL and make your comments. 5

3. Practical note book 5
4. Viva-voce 5

[Internal Assessment: 5]
