

MASTER OF SOCIAL WORK
Third Semester
Computer & SPSS Application in Social Work
(MSW - 13)

Duration: 1hr.30 min.

Full Marks: 35

Part-A (Objective) =10
Part-B (Descriptive)=25

(PART-B: Descriptive)

Duration: 1 hr.20 mins.

Marks: 25

1. Answer *any four* of the following questions:

5×4 = 20

- a) What are the different computer generations? Explain the major features of every generation?
- b) Explain the anatomy of computer along with the organizational diagram and description of every unit.
- c) What do you mean by test of Significance? What is null and alternative hypothesis?
- d) Give the idea of sampling distribution of a statistic and a standard error of a statistic.
- e) Discuss about the different types of diagrammatic representation of data.
- f) Define
 - a) Null hypothesis
 - ii) Alternative hypothesis
 - iii) Level of significance

2. The marks obtained by 10 students in Mathematics and Statistics are given below. Find the coefficient of correlation and lines of regression between marks in the two subjects.

5

| Roll No. | Marks in Maths (x) | Marks in Statistics (y) |
|----------|--------------------|-------------------------|
| 1 | 75 | 85 |
| 2 | 30 | 45 |
| 3 | 60 | 54 |
| 4 | 80 | 91 |
| 5 | 53 | 58 |
| 6 | 35 | 63 |
| 7 | 15 | 35 |
| 8 | 40 | 43 |
| 9 | 38 | 45 |
| 10 | 48 | 44 |

9. Which of the following is an input device?

- a) LCD monitor b) Plasma monitor c) Inkjet printer d) Scanner

10. What is the shortcut key to copy a file?

- a) Ctrl + S b) Ctrl + Y c) Ctrl + X d) Ctrl + C
