

B.S.W. (Honours) Examination, 2019
Semester-VI
Course : SWC-28
Management Information system (Statistics and Computer Applications)
Time : 3 Hours **Full Marks : 80**

Questions are of value as indicated in the margin.

Answer **any five** questions

1. a) Define 'Management Information System' (MIS).
b) State any two characteristics of MIS.
c) What are the ethical issues involved in MIS?
d) Write briefly on the use of computers in MIS. 2+4+4+6=16
 2. a) What is a "Statistical Mean"?
b) State the advantages and disadvantages of Median.
c) Calculate and compare the mean, median and mode of the following data sets:
Data set 1 : 6, 9, 2, 5, 7, 8, 1, 3, 5, 4
Data set 2 : 1, 7, 10, 12, 9, 5, 6, 13, 5, 15 2+6+8=16
 3. a) What is meant by 'Range' in Statistics?
b) What are the advantages and disadvantages of Range in analyzing data?
c) Calculate the Range and Standard Deviation of the following data :
9, 5, 6, 2, 7, 10, 3, 4, 3, 1 2+6+8=16
 4. Draw a bar diagram of the following data. Showing distribution of marks among boys and girls in secondary examination in District over four years. 16
- | Year | Boys | Girls |
|------|------|-------|
| 2000 | 70 | 65 |
| 2008 | 75 | 70 |
| 2015 | 85 | 80 |
| 2018 | 90 | 95 |
5. a) What is Central Processing Unit (CPU) and what is its function? 3
b) Write briefly on the significance of the internet in information flow. 7
c) What is 'WINDOWS'? 6
 6. How is internet useful in social research? Mention one useful package in social science Research. 14+2=16
 7. Discuss the significance of data base management system in social welfare organizations. 16

(2)

8. Write short notes on **any two** of the following :

8+8=16

- a) Use of statistics in MIS
- b) Qualitative and Quantitative Research
- c) Uses and limitations of Mode as a statistical tool.
