**SEMESTER IV**

**CC9: SOCIOLOGICAL RESEARCH METHODS II**

1. Answer any **ten** questions: 2x10=20

a) What do you understand by statistic?

b) What is meant by purposive sampling?

c) Find the median of the following observations

7, 3, 4, 2, 6

d) What is the fundamental purpose of basic research?

e) What is meant by social research?

f) What is hypothesis?

g) Define Sampling.

h) What is median?

i) What do you understand by Covariance?

j) What is concept?

k) What are the three measures of central tendency?

What do you understand by Standard Deviation?

2. Answer any **four** questions: 5x4=20

a) Write a brief note on the role of hypothesis in social research.

b) What are the different types of questions used in questionnaire?

c) If mean=20, median=18, find the value of mode applying the inter-relationship formula of mean, median and mode.

d) What are the different absolute measures of dispersion?

e) Write a short note on the purpose of survey research.

f) Write a note on participant observation.

g) Briefly discuss the various types of interview.

h) Trace the importance of quota sampling.

3. Answer any **two** questions: 10x2=20

a) What are the guiding principles of questionnaire construction?

b) What is non-probability sampling? Discuss the different types of non-probability sampling.

c) Draw a frequency polygon from the following data:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Marks | 10-15 | 15-20 | 20-25 | 25-30 | 30-35 |
| Frequency | 8 | 14 | 17 | 12 | 9 |

d) Calculate the values of mean and median from the following data:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Marks | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 |
| Frequency | 10 | 15 | 15 | 12 | 8 |

e) Research design is the backbone of social research- Discuss.

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