Ph.D Course Work, 2018 A
Second Sessional Examination
Paper - I
Research Methodology

Full Marks: 30   **Time: 1 hour**

(Answer the following questions)

1. Processing of data implies editing, coding, classification and tabulation. Describe these four operations pointing out the significance of each in context of research study. (10)

2. Attempt *any two* from the following:

   a) How do you define a research problem? (5)
   b) Research design in case of hypothesis –testing research studies. (5)
   c) Briefly write on the processing and analysis of data generated through experimentation. (5)
   d) Explain questionnaire. Discuss the important aspects of a questionnaire which adds efficiency towards exploring authentic informations. (2+3=5)

3. Attempt *any two* from the following:

   a) Distinguish between an experiment and survey. Explain fully the experimental method of research. (2+3=5)
   b) What do you mean by processing and analysis of data? Explain their importance in summarizing the data and drawing inferences/conclusions of a study. (2+3=5)
   c) What do you mean by measures of central tendency and measures of dispersion? Distinguish between the absolute and relative measures of dispersions.
      (3+2+5=10)
   d) "To know the nature of data measures of central tendency is not sufficient need measures of dispersion also." Discuss. (5)

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