

M.C.M. - II CBCS Pattern Semester-III  
**PCMCMT304.1-Elective-I-Paepr-IV - Research Methodology**

P. Pages : 2

Time : Three Hours



**GUG/W/23/10776**

Max. Marks : 80

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- Notes :
1. All questions are compulsory and carry equal marks.
  2. Draw neat and labelled diagram wherever necessary.
  3. Avoid vague answers and write answers relevant and specific to question only.

**Either:**

1. a) Explain criteria for good Research. 8
- b) What is Research Methodology? Explain different types of Research in detail. 8

**OR**

- c) What is the need and features of research design? Explain. 8
- d) Explain six P of research in detail. 8

**Either:**

2. a) What do you mean by sampling? Explain the types of sampling. 8
- b) Write down the steps in sampling design in detail. 8

**OR**

- c) What are the characteristics of good sample design? Explain. 8
- d) Explain in detail how to select Random sample. 8

**Either:**

3. a) What is data collection? Explain methods of data collection. 8
- b) What is Data Analysis? Explain types of Analysis. 8

**OR**

- c) Explain Interview and Questionnaires methods. 8
- d) Explain any two methods of collection of secondary data. 8

**Either:**

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|-----------|----|---|----------|
| <b>4.</b> | a) | What is Hypothesis? Write down the steps for Hypothesis testing.  | <b>8</b> |
|           | b) | What is Report writing? Write the significance of Report writing. | <b>8</b> |

**OR**

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|-----------|----|---|----------|
|           | c) | Define Research Report. Explain the mechanics of writing a Research report. | <b>8</b> |
|           | d) | Explain the flow diagram for hypothesis testing with suitable example.      | <b>8</b> |
| <b>5.</b> |    | Attempt all the questions.  |          |
|           | a) | Explain the objectives of Research.   | <b>4</b> |
|           | b) | Explain complex Random sampling design.                                     | <b>4</b> |
|           | c) | Explain difference between Questionnaires and schedules.                    | <b>4</b> |
|           | d) | Short note on hypothesis Testing means.                                     | <b>4</b> |

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