

**NOVEMBER/DECEMBER 2020**

**MCM34/PCM34 — RESEARCH  
METHODOLOGY**

Time : Three hours

Maximum : 75 marks

**SECTION A — (5 × 6 = 30 marks)**

Answer ALL questions.

1. (a) Briefly describe the different steps involve in a research process.

Or

- (b) State the different types of research.

2. (a) Critically evaluate the different methods of probability sampling techniques.

Or

- (b) Describe the various stages in interviewing process.

3. (a) Explain the importance of tabulation in the field of social research.

Or

- (b) What are the different types of analysis of data?

4. (a) What do you mean by multivariate techniques? Explain their significance.

Or

- (b) Discuss the differences between bivariate and multivariate analysis of data.
5. (a) “Report writing is more an art that hinges upon practice and experience” – Discuss.

Or

- (b) What are the advantages and disadvantages of SPSS?

SECTION B — ( $3 \times 15 = 45$  marks)

Answer any THREE questions.

6. State the components of research design.
7. Discuss the factor's upon which the choice of a methods of data collection.
8. Discuss the significance of editing, coding and tabulation of data in the data processing. Why tabulation is considered essential in research study?

9. Ten competitors in a beauty contest are ranked by three judges in the following order:

Judge I    1   5   4   8   9   6   10   7   3   2

Judge II    4   8   7   6   5   9   10   3   2   1

Judge III   6   7   8   1   5   10   9   2   3   4

Use rank correlation coefficient to discuss which pair of judges have the nearest approach to common tastes in beauty.

10. What are the consideration and steps involved in planning report writing work?

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