

SEM	SET	PAPER CODE	TITLE OF THE PAPER
IV	2013	12PEC4112	RESEARCH METHODOLOGY

SECTION – A**Answer all the questions:****20 x 1 = 20****Choose the correct answer:**

- Objectivity in research is affected by
 - Statistical measurement
 - Emotions
 - Random sampling
 - None of these
- Rejecting H_0 when it is true is
 - Type I error
 - Type II error
 - Both a & b
 - None of these
- One of the types of non-probability sampling is
 - Simple random sampling
 - Lottery method
 - Systematic random sampling
 - None of these
- Questionnaire is filled by the
 - Respondent
 - Investigator
 - Both a & b
 - None of these
- Arithmetic mean is applied to study
 - Average
 - Deviation
 - Relationship
 - None of these

Fill in the blanks:

- Verification in the laboratory is not possible in _____ research.
- Hypothesis is a _____ statement.

8. Random sampling is also known as _____ sampling.
9. Data collected for the first time are known as _____ data.
10. The process of grouping the data is _____.

State True or False:

11. Research methods and research methodology are one and the same.
12. Hypothesis must be formulated on the basis of objectives.
13. Increasing the size of sampling would help avoiding sampling error.
14. Observation is one of the methods of collecting primary data.
15. Assigning symbols to the collected data is known as editing.

Answer in one or two sentences:

16. Define case study method.
17. What is alternative hypothesis?
18. What is scaling technique?
19. Point out any two sources of secondary data.
20. Expand SPSS.

SECTION – B

Answer all the questions:

5 x 4= 20

21. a. What are the problems faced in social science research?

OR

- b. What are the qualities of a good researcher?
22. a. Point out the importance of hypothesis in social science research.

OR

- b. What are the characteristics of a good hypothesis?
23. a. What are the sampling and non-sampling errors?

OR

- b. Explain the meaning and significance of research design.
24. a. Distinguish between questionnaire and schedule.

OR

- b. What are the merits and demerits of using secondary data?
25. a. Write a note on editing and coding.

OR

- b. Point out the statistical tools applied in analysis of data.

SECTION – C

Answer any FOUR questions:

4 x 15 = 60

- 26. Explain the various types of research.
- 27. Explain the procedure for testing the hypothesis.
- 28. Explain the various methods of sampling.
- 29. What are the various methods of collecting primary data?
- 30. Explain the significance of a research report and point out the various steps involved in writing a research report.
