PART C — (5 × 8 = 40 marks)

Answer ALL questions choosing either (a) or (b).

Each answer should not exceed 600 words.

16. (a) Compare and Contrast Research Methods and Research Methodology.

Or

(b) "Social sciences Research are many in number" Do you agree? Explain.

17. (a) Explain and illustrate the procedure of relating a random sample.

Or

(b) Elaborate a sample design.

18. (a) Enumerate the different methods of collecting data.

Or

(b) Illustrate with merits and demerits of observation method in collecting materials.

19. (a) Describe the various methods of graphical representation of statistical data.

Or

(b) How will you measure the quantity of variation coefficient in two variables?

20. (a) How do researches code the data before analysis? Is it necessary? Comment.

Or

(b) Draft the essentials and format of a research report.

————

PART A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the correct answer :

1. ————— provides the basis for nearly all government policies in our economic system
   (a) Research   (b) Survey
   (c) Analysis   (d) Interpretation

2. ————— methodology is a way to systematically solve the research problem
   (a) Evidence   (b) Research
   (c) Tools   (d) Operations

3. ————— sampling is also known as purposive sampling
   (a) Convenience   (b) Purposive
   (c) Systematic   (d) Random

4. Good research is —————

 (a) Systematic (b) Empirical

 (c) Logical (d) All of these

5. Quite often ————— is considered as the heart of a survey operation

 (a) Schedules (b) Questionnaire

 (c) Enquiry (d) All of these

6. ————— data are a fresh in nature and not used by others

 (a) Primary (b) Secondary

 (c) Oral (d) Surveyed

7. One dimensional diagrams are drawn on the basis of —————

 (a) Length (b) Width

 (c) Area (d) Height

8. The calculated value of χ^2 is —————

 (a) Always positive

 (b) Either positive or negative

 (c) Always negative

 (d) None of these

9. Op. cit. is an abbreviation for —————

 (a) Operandi citation (b) Operation cited

 (c) Opera citato (d) All of these

10. ————— can be done by hand or by mechanical or by electronic devices

 (a) Coding (b) Tabulation

 (c) Editing (d) All of these

PART B — (5 × 5 = 25 marks)

Answer ALL questions choosing either (a) or (b).

Each answer should not exceed 250 words.

11. (a) What are the approaches to research?

 Or

 (b) How will you identify a research problem?

12. (a) Is diagnostic research a powerful one? comment.

 Or

 (b) Describe a Sample design for a social science research.

13. (a) Differentiate a schedule from a questionnaire.

 Or

 (b) Define primary data and their uses.

14. (a) What are the different types of diagrams?

 Or

 (b) Explain frequency distribution in detail.

15. (a) "A good statistical table is an art" Examine.

 Or

 (b) Define a research report.