Reg. No. : ....

ode No. : 20755 E   **Sub. Code : ASSL 41**

.A. (CBCS) DEGREE EXAMINATION, APRIL 2022

Fourth Semester

Shipping and Logistics Management

ill Based Subject — RESEARCH METHODOLOGY

(For those who joined in July 2020 onwards)

e : Three hours   Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the correct answer :

On what basis did Jean Piaget give his theory of cognitive development of humans?

(a) Evaluation research

(b) Fundamental research

(c) Applied research

(d) Action research

2. Which one among the following is the most comprehensive source of population data?

 (a) Census

 (b) National sample surveys

 (c) Demographic health surveys

 (d) National family health surveys

3. What are those conditions where a research problem is not viable?

 (a) It is new and adds something to knowledge

 (b) It can be researched

 (c) It has utility and relevance

 (d) It contains dependent and independent variables

4. Which one among the following statement is true in the context of the testing of hypotheses?

 (a) It is only the alternative hypotheses that can be tested

 (b) It is only the null hypotheses that can be tested

 (c) Both the alternative and the null hypotheses can be tested

 (d) Both the alternative and the null hypotheses cannot be tested

Usually which type of questions is asked during interviews?

(a) Close-ended   (b) Natural

(c) Open-ended   (d) Puzzling

Selecting sample units in just a "hit and miss" fashion is called ————

(a) Purposive sampling

(b) Accidental sampling

(c) Stratified sampling

(d) Systematic sampling

Why is data analysis concerned with data reduction?

(a) Because for too much data is collected than is required

(b) Because we need to make sense of the data

(c) Because of the repetitions in answers to questionnaires

(d) Because the sample size has been exceeded

8. In SPSS, what is the "data viewer"?

 (a) A table summarizing the frequencies of data for on variable

 (b) A spreadsheet into which data can be entered

 (c) A dialog box that allows you to choose a statistical test

 (d) A screen in which variables can be defined and labeled

9. The first page of the research report is ————

 (a) Appendix   (b) Bibliography

 (c) Index   (d) Title page

10. At the end of the report, ———— should be enlisted in respect of all technical data such as questionnaires, sample information, mathematical derivations and the like ones.

 (a) Annexures   (b) Appendices

 (c) Bibliography   (d) Summary

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 objectives of the research?

Or

(b) Describe the characteristics of ex post facto research.

12. (a) Discuss the importance of hypothesis.

Or

(b) Explain the identifying research gaps.

13. (a) Explain the various methods of research interviews.

Or

(b) Discuss the various steps in pretesting.

14. (a) What are the process of data analysis?

Or

(b) Explain the importance are of SPSS in the filed of social research work.

15. (a) Discuss the conventional rules of writing style in a research paper.

Or

(b) Distinguish between a bibliography and references.

PART C — (5 × 8 = 40 marks)

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

Each answer should not exceed 600 words.

16. (a) Distinguish between exploratory research and descriptive research.

Or

(b) Elaborate the different types of case studies in research methodology.

17. (a) Enumerate the developing research questions, hypotheses and objectives for research studies.

Or

(b) Elaborate the various steps in developing a research design.

18. (a) Describe the different tools for data collection.

Or

(b) Elaborate the different techniques of scale construction.

19. (a) Elucidate the data analysis tools available in the market.

Or

(b) Enumerate the different types of non-parametric test.

20. (a) Describe the different types of research reports.

Or

(b) Enumerate the writing style in research reporting.

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