Rajiv Gandhi University of Health Sciences
IV Year B.N.Y.S Degree Examination – OCT-2019

Time: Three Hours   **Max. Marks: 80 Marks**

Research Methodology and Recent Advances
QP Code: 2553
(QP contains two pages)

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary.

Section - A

Multiple Choice Questions   **10 X 1 = 10 Marks**

1. In research search is a verb meaning
   a) To examine closely and carefully
   b) To test and try
   c) Both a and b

2. The longitudinal approach of research deals with _____
   a) Horizontal researches
   b) Long-term researches
   c) Short-term researches
   d) None of the above

3. Source of collection of data
   a) Experiments
   b) Surveys
   c) Records
   d) All the above

4. Attributes of objects, events or things which can be measured are called
   a) Qualitative measure
   b) Data
   c) Variables
   d) None of the above

5. The De-merit of questionnaire method is
   a) Doubt about its own version
   b) Can be used in only educated population
   c) Both a and b
   d) None of the above

6. Research and Development (R&D) become the index of development of country. Which of the following reasons are true with regards to this statement?
   a) Because R&D reflect the true economic and social conditions prevailing in a country
   b) Because R&D targets the human development
   c) Because R&D can improve the standard of living of the people in a country
   d) All the above

7. A researcher divides his population into certain groups and fixes the size of the sample from each group. It is called.
   a) Stratified sample
   b) Quota sample
   c) Cluster sample
   d) All of the above

8. _____refers to inferring about the whole population based on the observations made on a small part
   a) Deductive inference
   b) Inductive inference
   c) Pseudo-inference
   d) Objective inference

9. Which is not the objectives of research?
   a) To discover new facts

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b) To verify and test importance facts
c) To find solutions to scientific, nonscientific and social problems
d) To discover old and scientific facts

10. The data of research is _____
    a) Qualitative only
    b) Quantitative only
    c) Both a and b
    d) Neither a nor b

Section B

LONG ESSAYS (Answer any two)   **2 X 10 = 20 Marks**

11. Classify samplings and explain in detail about probability samples.

12. Describe Inferential statistics.

13. Different methods of collection of data with merits and demerits

SHORT ESSAYS (Answer any ten)   **10 X 5 = 50 Marks**

14. Importance of research

15. Animal research ethics

16. Non probability samples

17. Validity

18. Descriptive statistics

19. Research in science and technology

20. Experimental method of data collection

21. What are the objectives of research?

22. Research in education

23. Simple random sampling

24. Quasi-experimental methods

25. Empirical design

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