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Paper Code : DPN-204

Roll No.

**M.Sc. (DFSM)-9
2nd Year Examination, Academic Batch 2018
Research Methods and Biostatistics**

Time : 3 Hours]

[Max. Marks : 100

*Note. Attempt any **Five** questions. All questions carry equal marks.*

Q.1 Define epidemiology? Discuss the nature of research in epidemiology especially with reference to nutrition and medicine.

Q.2 Define hypothesis? What are the different ways in which the hypothesis can be stated? Discuss different forms of hypothesis.

Q.3 Describe the different types of descriptive studies which can be conducted at the population and individual level. Discuss the strengths and weaknesses of the descriptive studies?

Q.4 Describe the different types of analytic studies which can be conducted at the population & individual level. Also enumerate the strengths and weaknesses of the analytic studies.

Q.5. Give the meaning and methods of classification in detail.

Q.6. What is meaning of regression analysis? Write down its advantages and assumptions in its analysis.

Q.7. What is a hypothesis? Discuss the procedure of testing a hypothesis with suitable example.

Q.8. What is experimental research? Describe the steps involved in experimental research.