

Pre. Ph.D. Course Work (2017 Course) SUPPLEMENTARY :
(Periodontology) : JUNE- 2019
SUBJECT : PAPER – I : RESEARCH METHODOLOGY / PERIODONTOLOGY

Day : Wednesday
Date : 26/06/2019

Time : 10.00 AM TO 1.00 PM
Max. Marks : 100

S-2019-5397

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.

Q.1 Compare Descriptive Statistics with Inferential statistics in the context of Dental Research. [20]

OR

Define the terms Null Hypothesis, Alternate Hypothesis and elaborate the process of arriving at a set of proper hypothesis in any research venture. [20]

Q.2 How does one go about questionnaire designing? Elaborate. You are free to use a typical situation to clarify. [20]

OR

Are you aware that huge amount of shared data are available for research in periodontology. What are the standardization issues one has to tackle before using such data? Discuss. [20]

Q.3 Write an essay on Cohort Studies. [20]

OR

Write an essay on Qualitative method in research. [20]

Q.4 No discussion of results in any research project can be complete without support of graphs and charts. Comment and justify. [20]

OR

‘Sample size is always a very critical issue in many research projects’. Discuss the critical aspects the researcher has to take care of. [20]

Q.5 Give an overview of generic steps which constitute the process of ‘critical appraisal’ of a research paper. [20]

OR

What are the parameters which determine the ‘Quality of Research’? How should a researcher take care of these to see that these are properly met? [20]

* * * *