

Pre. Ph.D. Course Work (2017 Course) : SUMMER - 2018 (Oral
Pathology and Microbiology)

SUBJECT: PAPER – I RESEARCH METHODOLOGY & ICT FOR RESEARCH
(Oral Pathology & Microbiology)

Day: Monday
Date: 25/06/2018

S-2018-4743

Time: 10.00 AM TO 01.00 PM
Max. Marks: 100

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Each question carries **20** marks.

Q.1 Highlight the role of 'Testing of Hypothesis in Research. Describe the process with illustrative example of your choice. (20)

OR

Q.1 Identify situations in which you would be using z-test and various types of t-tests. (20)

Q.2 Describe how computers can help a researcher in increasing effectiveness of his work. (20)

OR

Q.2 A research report is never complete without a chapter or section on Data Analysis. Comment. (20)

Q.3 What is the significance of Review of Literature as foundation for future research? (20)

OR

Q.3 What are the Sources of data, types of data and methods of their collection? (20)

Q.4 What is Research Design? What care is required to be taken in framing Research Design? Illustrate with suitable examples. (20)

OR

Q.4 What are the techniques of analysis of data? What are common tools used in processing data. (20)

Q.5 Computers have influenced all sections of society. What is its' role in Research? Comment on its relevance in modern Research. (20)

OR

Q.5 Define the generic structure of any one of the following :- (20)
a) A Research Report.
b) A While Paper.
