

Pre. Ph.D. Course Work (2017 Course) : SUMMER - 2018 (Nursing)

**SUBJECT: PAPER – I: RESEARCH METHODOLOGY & ICT FOR RESEARCH
(NURSING)**

Day: **Monday**
Date: **25/06/2018**

S-2018-4746

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

N.B.:

- 1) Attempt any **FIVE** questions from Section-I and any **FIVE** questions from Section –II.
- 2) Figures to the right indicate **FULL** marks.
- 3) Answers to both the sections should be written in **SEPARATE** answer book.

SECTION-I

- Q.1** Define research and explain problem solving approach in detail. **(10)**
- Q.2** Explain the task associated with manuscript preparation and publication. **(10)**
- Q.3** What do you mean by hypothesis? How do you verify whether hypothesis is true or false? **(10)**
- Q.4** What is Evidence based Practice? Describe various approaches and barriers to Evidence based Practice. **(10)**
- Q.5** Enumerate parametric and non-parametric tests in brief. **(10)**
- Q.6** Discuss the application of ICT in Nursing research. **(10)**

SECTION-II

- Q.7** Develop research proposal for a problem statement “Correlation between Gender, work culture and stress among Nurses”. **(10)**
- Q.8** What do you understand by Sampling error? Explain various types of sampling errors encountered in research. **(10)**
- Q.9** List out software tools useful in research and explain the use of any two of them. **(10)**
- Q.10** What is reliability and validity of measurement? Explain the procedure of testing reliability and validity of survey instrument used in research. **(10)**
- Q.11** Define Ethics. Enumerate the ethical principles a researcher should keep in mind while conducting research. **(10)**
- Q.12** Discuss the data collection process in detail. **(10)**

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