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RNS-003

**Ph. D. IN NURSING**

**(PhDNS)**

**Term-End Examination**

**December, 2019**

**RNS-003 : RESEARCH METHODOLOGY AND  
APPLIED STATISTICS**

*Time : 3 Hours*

*Maximum Marks : 100*

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**Note :** Attempt *all* questions. Attempt *all* parts of a question at *one* place. Answer *10* marks question within *500* words. Answer *5* marks question within *250* words.

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1. (a) Explain the characteristics of Nursing Research. 10
- (b) Describe the steps of Research Process. 15
2. (a) Describe the purposes of literature review. 10
- (b) Discuss the sources of online literature. 10

3. (a) Discuss the difference between probability and non-probability sampling. 10
- (b) Explain the stratified sampling and cluster sampling. 10
4. (a) Describe the various levels of measurement. Support your answer with suitable examples. 10
- (b) Calculate the mean and median of the following data : 10

7, 6, 14, 17, 1, 5, 7, 9, 3

5. Write short notes on *any three* of the following :

5 each

- (a) Measures of central tendency
- (b) Coefficient of correlation
- (c) Test of significance
- (d) Check list
- (e) Validity and reliability