

M.Sc.(N) [1st Year]

BF/2018/02

Nursing Research & Statistics

[Common for all Nursing Specialities]

[NEW SCHEME-w.e.f. 2008 admission]

Time : 3 Hours

Max Marks : 75

Note: 1.) *Attempt all questions.*

2.) *ATTEMPT BOTH PARTS IN SINGLE ANSWER BOOK ONLY.*

3.) *NO SUPPLEMENTARY SHEET SHALL BE ALLOWED/PROVIDED*

4.) *The Student must write O.P. Code in the space provided on the Title*

Page of the Answer Book.

5.) *Simple Calculator is Allowed.*

SECTION-A

[50 Marks]

(Nursing Research)

1. Read carefully the research statement given below :

A study to assess effect of exercise and use of elastic stockings on DVT (Deep Vein Thrombosis) among fracture femur patients

- (a) Identify the independent and dependent variables. [4]
(b) State two research hypotheses. [2]
(c) Formulate three study objectives. [3]
(d) Describe the sampling technique you would use. [3]
(e) Discuss the appropriate design of the study. [3]

2. (a) Explain Quasi experimental designs. [5]
(b) Briefly state the types of Quantitative research. [5]
(c) Discuss the non-participant method of observation in data collection. [5]

3. **Write Short Notes on any FOUR of the following :** [5x4=20]

- (a) Types of Survey Design. (b) Evidence Based Practice.
(c) Pilot Study. (d) Ethical consideration in Nursing Research.
(e) Assumptions. (f) Probability Sampling.

SECTION-B

[25 Marks]

(Statistics)

4. (a) Explain the measures of Variability. [5]
(b) Give your interpretation of result of the following data in table: [5]

Correlation between knowledge and self perception score of staff nurses on communication with rooming on mothers