

T.Y. B.SC. (NURSING) (2007 COURSE) : SUMMER - 2019
SUBJECT : NURSING RESEARCH & STATISTICS
(For Students admitted a.y. 2016-17 and onwards only)

Day : Saturday
Date : 20/04/2019

S-2019-4335

Time 10.00 A.M. TO 01.00 P.M.
Max. Marks : 75

N.B.

- 1) All questions are **COMPULSORY**.
- 2) Figures to the **RIGHT** indicate **FULL** marks.
- 3) Both the sections should be written in **SEPARATE** answer book.

SECTION - I

Q.1 Answer **ANY FIVE** of the following. **(10)**

Short Notes on **ANY FIVE**

- a) Define Nursing Research.
- b) Explain the term Population.
- c) What do you understand by the term “research setting”?
- d) Explain Assumption.
- e) Define non Probability sampling.
- f) Explain the term “Abstract”.
- g) Define “operational definition”

Q.2 Answer the following. (**ANY FOUR**) **(16)**

- a) Discuss the Characteristics of good research.
- b) Describe the importance and significance of Nursing Research.
- c) Explain the steps of quantitative research process.
- d) Discuss ethics in nursing research
- e) Define variables and explain its types with one example each.
- f) Discuss the importance of literature review.

Q.3 Long Answer Question (**ANY ONE**)

You are working as a staff nurse in a surgical ward, Identify any one area which you would take up for research

Answer the Following

- a) Formulate a research statement with the identified problem **(02)**
- b) List down the components of a research statement from the formulated statement that is variables, population, setting etc. **(05)**
- c) Discuss about. **(05)**
 - i) research approach and design
 - ii) Population and sample
 - iii) Tool will you formulate for data collection
 - iv) Analysis of data

OR

- a) Define Pilot Study. **(02)**
- b) Discuss the purpose of Pilot Study. **(05)**
- c) Write a note on sampling process. **(05)**

P.T.O.

SECTION – II

Q.4 Answer **ANY FIVE** of the following. **(10)**

- a) Define data
- b) List down measures of central tendency.
- c) Merits of and demerits of median
- d) Pie Diagram
- e) Define Statistics
- f) Define standard deviation and state the formula for continues data
- g) Merits and demerits of range

Q.5 Write Short Notes on (**ANY FOUR**) **(16)**

- a) Use of statistics in Nursing.
- b) Properties of Normal Probability Curve.
- c) Methods of data presentation
- d) General principles of tabulation.
- e) Following data gives the weight of 200 adolescent Girls. Find the mean weight

Weight in kgs (x)	No. of Students (f)
40	35
50	31
58	40
60	39
70	28
38	27

- f) The Hb levels of 10 women is given here. Calculate the mean Hb levels of this sample
10, 14, 8, 11.5, 11, 8, 7.5, 8.5,9 &10.

Long Answer Question (**ANY ONE**)

- a) Define Validity. **(02)**
- b) Discuss the types of Validity. **(04)**
- c) Describe the Characteristics of ideal research tool. **(05)**

OR

- a) Define Questionnaire **(02)**
- b) Discuss the different types of questionnaire. **(04)**
- c) Discuss the different methods of communication of research findings. **(05)**

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