BACHELOR OF SCIENCE (NURSING) (2019 COURSE)
T. Y. B. Sc. (Nursing) : SUMMER : 2022
SUBJECT: NURSING RESEARCH & STATISTICS

Day : Thursday   Time : 10:00 AM-01:00 PM
Date 28-Apr-2022   S-22436-2022   Max. Marks: 75

N.B. :
  1) All question are **COMPULSORY**.
  2) Figures to the right indicate **FULL** marks.
  3) Both the sections should be written in **SEPARATE** answer books.

SECTION – I

Q.1   Write short answer on **ANY FIVE** of the following: **(10)**

  a) Define content validity.
  b) Define Nursing Research.
  c) What do you mean by Abstract?
  d) Write down sources of Review of Literature.
  e) Define Assumption.
  f) List down characteristics of good Research.
  g) Define operational definition.

Q.2   Write short notes on **ANY FOUR** of the following: **(16)**

  a) Importance of research in nursing.
  b) Reliability
  c) Observation checklist.
  d) Difference between qualitative & quantitative research.
  e) Pilot study
  f) Hypothesis

Q.3   Long answer question : answer any **ONE** of the following: **(12)**

  a) Define sampling.   **(02)**
  b) List down characteristics of good sample.   **(02)**
  c) List down the types of non-probability sampling technique and write in   **(04)**
         detail about purposive sampling.
  d) List down types of probability sampling and write in detail about Simple **(04)**
         random sampling.

OR

You are working in pediatric ward as student nurse:
  a) Formulate research statement of your interest   **(02)**
  b) Formulate research objectives.   **(02)**
  c) Write down the criteria for formulating research statement.   **(03)**
  d) Explain the research methodology for the same statement.   **(05)**

SECTION – II

Q.4   Write short answer on **ANY FIVE** of the following: **(10)**
  a) Merits and demerits of mean.
  b) Pie diagram
  c) Define Median
  d) Define statistics
  e) Merits and demerits of standard deviation
  f) Define Central Tendency
  g) Histogram

                                                                              P.T.O

Q.5 Write short notes on **ANY FOUR** of the following: **(16)**

a) Scales of measurement
b) Methods of data Presentation
c) Co-efficient of correlation
d) Uses of biostatistics
e) Use of computer in nursing research
f) The following table gives the age distribution of males in the locality. From the data given as under. Calculate the value of mode or what the modal age of males in the locality is.

Age in years	0-10	10-20	20-30	30-40	40-50	50-60	60-70
No. of males	8	15	36	50	40	25	18

Q.6 Long answer question : answer any **ONE** of the following: **(11)**

a) Define research designs. **(02)**
b) Explain the characteristics of a good research design. **(04)**
c) Describe the different approaches and research designs in detail. **(05)**

OR

a) Define Research problem. **(02)**
b) How do you identify the research problem area? **(04)**
c) Discuss in detail about research objectives. **(05)**

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