BCH-201294

Fourth Year B. Sc. (Nursing) Examination

January – 2016

Nursing Research & Statistics

Time : 3 Hours]   [Total Marks : 75

Instructions :

    (1)   Write all answer to the point.

    (2)   Use separate answer book for each section.

    (3)   Draw diagram wherever necessary.

SECTION - I

1   Long Essay : (any one) :   15

    (a)   Define Research.   2

    (b)   List out needs of research in nursing.   5

    (c)   Explain Steps of research process in detail.   8

OR

    (a)   Classify the types of research.   5

    (b)   Explain in detail about true experimental design.   10

2   Write down short notes : (any three)   15

    (a)   Characteristics of good research.

    (b)   Pilot study.

    (c)   Review of Literature.

    (d)   Survey Research Design.

3   Briefly answer following : (any four)   8

    (a)   Define primary and secondary data.

    (b)   Define Validity and Reliability.

    (c)   What is hypothesis and enlist its types.

    (d)   Enlist types of graph.

    (e)   Write down advantages of tabulation.

SECTION - II

4 Long Essay : (any one)   **10**
  (a) Define sample.   1
  (b) Classify sampling techniques.   2
  (c) Describe all techniques in detail.   7

OR

  (a) What is data ?   1
  (b) Classify methods of data collection.   2
  (c) Explain any one method in detail.   7

5 Write short notes : (any three)   **15**
  (a) Explain case study type of research.
  (b) What is statistics and importance of statistics in nursing ?
  (c) The height of 6 B. Sc. Nursing students in cm are 160, 162, 175, 158, 156, 168 cm, find the mean height of students.
  (d) What is Frequency Distribution ? Form a Frequency Table for the following variables. (Class interval will be 5).

51	54	65	56	51	56
60	59	55	69	70	51
67	58	52	52	63	65
51	63	51	60	66	54
64	59	63	55	68	79

6 Briefly answer following : (any six)   **12**
  (a) Write full form of CINAHL.
  (b) Write full form of MEDLINE.
  (c) Write down criteria of good research problem.
  (d) Write down criteria of good objective.
  (e) Define median with mathematical formula.
  (f) Define range with its formula.
  (g) Define "Hawthorne" effect.