J-M20153   Seat No. _____

First Year M. Sc. (Nursing) Examination
July / August – 2019
Nursing Research & Statistics

Time : **3** Hours]   [Total Marks : **75**

Instructions :
   (1)   All questions are compulsory.
   (2)   Figures to right indicates full marks.
   (3)   Write answer to point.

SECTION - A (NURSING RESEARCH) (50 Marks)

1   Long essay : (Compulsory)   1×15=15
   1.   Define sample and explain the types of sampling methods in detail with suitable Examples.

2   Short Answer : (Compulsory)   7×5=35
   1.   Methods of Data collection.
   2.   Pilot study.
   3.   Reliability and validity.
   4.   Evidence based practice.
   5.   Pilot study.
   6.   Literature review in nursing Research.
   7.   Ethnography.

SECTION - B (STATISTICS) (25 Marks)

1   Elaborate on :   1×20=20
   1   What is Chi-square test ?
        A coin is tossed 100 times of which head cornes 60 times and tail 40 times. Would you accept the hypothesis that the coin is normal having no bias for either head or tail" ?

Possibilities	Observed frequencies	Expected frequencies
Head	60	50
Tail	40	50

2   Write notes on :   1×5=5
   1. Mann – Whitney 'U' test.