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BACHELOR OF SCIENCE (B.Sc.) NURSING
EXAMINATION: JUNE – 2022
THIRD YEAR
SUB: Nursing Research and Statistics (BN-307)

Date: 09/06/2022

Total Marks: 75

Time : 10.00 am to 1.00 pm

Instructions :-

- 1) All questions from Section A, B & C are compulsory.
 - 2) Separate answer sheets for Section A will be provided in the beginning and collected after 15 minutes, it shall be followed by Section B & C.
 - 3) Use separate answer sheets for Section B & C.
 - 4) Draw neat & labelled diagram wherever necessary.
 - 5) Avoid overwriting and striking off the answers once written.
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SECTION – A

- 1) Answer has to be marked on the answer sheet provided and NOT on the question paper.
 - 2) Each question carries 1 Mark.
 - 3) For answering MCQ's fill the circle with blue ball pen only.
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Q. 1. Choose the most appropriate option.

(15)

- 1) A declarative statement that identifies the predicted relationship between 2 or more variables is known as
A. Assumption
B. Limitation
C. Hypothesis
D. Conceptual frame work
- 2) Which of the following is not a purpose of scientific research?
A. Description
B. Prediction
C. Exploration
D. Observation
- 3) Which research is a study of past records and other information source?
A. Fundamental research
B. Applied research
C. Historical research
D. Basic research
- 4) The miniature trail run of the methodology planned for the major project is -----.
A. Reliability
B. Validity
C. Pilot study
D. . Sampling
- 5) refers to the degree to which an instrument measures what is suppose to measure.
A. Validity
B. Reliability
C. Probability
D. None of the above
- 6) A theoretical bell shaped curve with most measurements clustered about the centre and a few measurements at the extreme ends is.....
A. Normal curve
B. Null Hypothesis
C. Null Hypothesis
D. Nominated sampling
- 7) Most frequency used statistics for measuring the degree of variability in a set of score.....
A. Mode
B. Mean
C. Median
D. Standard deviation

SECTION – C

Q. 4. Answer the following. (Any Three) (15)

1. Measures of central tendency
2. Diagrams and charts
3. Data
4. Characteristics of normal distributions curve
5. Properties of coefficient of correlation

Q. 5 Answer the following.

1. Define Biostatistics (02)
2. Enlist the uses of Biostatistics (05)
3. Compute median of the following data: (08)
69,72,74,77,63,58,53,82,89,71

OR

Pulse rate of 10 individuals are given below:

Calculate the following

1. I.Range (03)
 2. Standard deviation (04)
 3. Mean ,mode,median (08)
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