



PAC-M20153

Seat No. _____

First Year M. Sc. (Nursing) Examination

August – 2018

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 - I (Nursing Research) (50 Marks)

I Essay : **1×20=20**

A researcher wished to determine the effectiveness of walking on blood pressure among bank employees. Using one group, four observations were made before and after the intervention.

Answer the following :

- (a) Identify the design.
- (b) Write in detail about the identified design.

II Write notes on : **6×5=30**

- (1) Characteristics of a good hypothesis with example
- (2) Probability sampling techniques
- (3) Data collection in qualitative approach
- (4) Critiquing a research report
- (5) Ethics in nursing research
- (6) Communication of research results.

SECTION - II (Statistics) (25 Marks)

III Elaborate on : **1×10=10**

- (a) Explain the types of correlation.
- (b) Calculate coefficients of correlation for the following data :

Age	43	21	25	50	55	28	29	35	40	55
Glucose level	121	69	75	105	150	100	78	90	124	180

IV Write notes on : **3×5=15**

- (1) Uses of vital statistics
 - (2) Normal distribution
 - (3) Histogram.
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