

Fourth Year B.Sc. (Nursing) Examination
Nursing Research & Statistics

Date : 05-07-2017, Wednesday]

Time : 3 Hours]

[Max. Marks : 75

- Instructions : (1) Answer to the point.
(2) Figure to the right indicate marks.
(3) Write legibly.
(4) Draw diagrams wherever necessary.
(5) Use separate answer books for each section.

SECTION: I (38 MARKS)

Q:1 Define Applied Research. Write Purposes of Nursing Research.
OR

Q:1 Write about Ethics in Nursing Research.

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Q:2 Write short notes on following. (Any Four)

- Sources of Review of Literature.
- Characteristics of Good Research Design.
- Dependent and Independent Variables.
- Survey Studies.
- Types of Qualitative Research

(4x5)= 20

Q:3 Define following terms. (Any Four):

- Research
- Data
- Sample
- Target Population
- Table

(4 x 2) = 08

SECTION: II (37 MARKS)

Q:4 Write the difference between Experimental & Non-Experimental Research.

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Q:5 (A) Find the Mean from the following Data.

Age of the Student (in year)	18	19	20	22	23
No. of Students	15	20	8	15	2

$$\frac{1186}{60} = 19.77$$

05

(B) Calculate Standard Deviation from the following table.

Weight	60-62	62-64	64-66	66-68	68-70	70-72	72-74
Students	2	8	10	6	10	8	2

$$\sqrt{480/46}$$

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(C) Calculate the Median from the following Table.

Wages	80-100	100-120	120-140	140-160	160-180
Workers	8	12	15	8	6

Calculate Arithmetic Mean for the following.

Wight in Kg.	60-61	61-62	62-63	63-64	64-65	65-66	66-67
Frequency	10	20	45	50	60	55	25

$$= 120 + \frac{(25 - 20) \times 20}{4} = 126.25$$

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$$\frac{16957.5}{265}$$