Discuss the significance of literature review. Explain various types of writing review of literature in research papers.

3. Attempt any ONE question out of the following two questions and answer should be upto 5 pages in length. [15]

- What are non-parametric tests? Discuss its characteristics. Explain various (a) types of non-parametric tests.
- What is correlation? Differentiate between correlation and regression. (b) Discuss different types of correlation and their suitability.

Write short Notes up to 5 lines in length. 1.

- What is biostatistics? (a)
- Informed consent (b)
- Research in clinical practice (c)
- Type II error (d)
- Geometric mean (e)

2. Answer the following question upto 3 pages in length.

What is hypothesis? How is hypothesis formed? How are these tested?

3.

Attempt any ONE question out of the following two questions and Answer should be upto 5 pages in length. [15]

What is sampling design? Discuss various types of sampling and their suitability (a) with examples.

OR

What is Analysis of Variance? Discuss its suitability. Explain the method of (b) calculation of ANOVA and its interpretation.

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Time: 3 Hours

Note: 1.) Attempt all questions.

- ATTEMPT BOTH PARTS IN SINGLE ANSWER BOOK ONLY. 2.)
- 3.) NO SUPPLEMENTARY SHEET SHALL BE ALLOWED/ PROVIDED
- 4.) <u>The Student must write Q.P. Code in the space provided on the Title</u> page of the Answer Book.

NOTE: SIMPLE CALCULATOR IS ALLOWED.

SECTION - A

- 1. Write short Notes up to 5 lines in length.
 - T-test (a)
 - (b) Standard deviation
 - (c) Ethical issues in research
 - (d) Validity.
 - (e) Research design

2. Answer the following question upto 3 pages in length.

OR



QP Code: BTN305

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Max Marks: 80

[40 Marks]

[5x3=15]

[10]

[5x3=15]

[10]