

**3649**

**4**

8. Discuss Research Design? Explain exploratory, descriptive and experimental research designs with suitable examples? (18)

[This question paper contains 4 printed pages.]

**Your Roll No.....**

**Sr. No. of Question Paper : 3649**

**L**

Unique Paper Code : 6323470010

Name of the Paper : Research Design &  
Methodology in Healthcare  
(DSE-4)

Name of the Course : **B.Voc. (Healthcare  
Management)**

Semester : VI

Duration : 3 Hours Maximum Marks : 90

**Instructions for Candidates**

1. Write your Roll No. on the top immediately on receipt of this question paper.
2. **All** questions carry equal marks.
3. Attempt **five** out of the **eight** questions.
4. Use of non-programmable and simple Calculator is permitted.

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**2**

1. Discuss in detail the concept of reliability and validity. Explain the different types of reliability and validity with suitable examples from healthcare research? (18)
2. What do you understand by the term Research? Elucidate the various steps involved in research process? (3,15=18)
3. Define Sampling techniques? Discuss the various probability & non probability sampling methods with examples? (18)
4. Explain the importance of formulating a hypothesis in research? (18)
5. (a) Differentiate parametric and non-parametric test with examples? (9,9=18)

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- (b) Male and female participants responded with strongly agree, agree, and disagree to a health-related attitude questionnaire. The data is given below, Compute Chi-Square?

**Responses**

|        | Strongly Agree | Agree | Disagree |
|--------|----------------|-------|----------|
| Male   | 5              | 7     | 8        |
| Female | 5              | 6     | 4        |

6. Discuss ANOVA? Explain data analysis and interpretation? (9,9=18)
7. Write short notes on the following : (9,9=18)
  - (a) Correlation & Regression analysis
  - (b) Measurement Scales

P.T.O.