

[LH 0815]

AUGUST 2015

Sub. Code: 2436

BACHELOR IN PROTHETICS AND ORTHOTICS

THIRD YEAR

PAPER VI – RESEARCH METHODOLOGY/PROJECT DEVELOPMENT

Q.P. Code: 802436

Time: Three Hours

Maximum: 100 Marks

Answer all questions

I. Elaborate on:

(3 x 10 = 30)

1. Discuss various methods of observational study.
2. Describe various sources of demographic data.
3. Discuss diagrammatic presentation of data.

II. Write notes on:

(8 x 5 = 40)

1. Normal distribution.
2. Chi-square test.
3. Parametric test.
4. Advantages of cohort study design.
5. Graphical representation of data.
6. Measurement in research.
7. Describe methods of data collection.
8. Cross sectional study.

III. Short answers on:

(10 x 3 = 30)

1. Prevalence and incidence.
2. Differentiate discrete and continuous variables.
3. Define survey.
4. Differentiate statistics and biostatistics.
5. Disadvantages of cohort study.
6. Define Randomization.
7. Qualitative study.
8. P-value.
9. What is primary data?
10. Define mean, median, mode.
