

[LJ 0816]

AUGUST 2016

Sub. Code :2456

B.Sc. PROSTHETICS AND ORTHOTICS

(New Syllabus 2013-2014)

THIRD YEAR

PAPER VI – RESEARCH METHODOLOGY / PROJECT DEVELOPMENT

Q.P. Code: 802456

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Elaborate on:

(3 x 10 = 30)

1. Define variables. Explain in detail about the types of variables.
2. Describe various method of data collection.
3. How to you define research problem? Write in detail about necessity of defining research problems.

II. Write notes on:

(8 x 5 = 40)

1. Uses of bio-statistics.
2. Types of survey.
3. Distinguish Cumulative frequency and relative frequency.
4. Differentiate case control and cohort study.
5. Classification of data.
6. Bar diagram.
7. Frequency curve.
8. Components of research protocol.

III. Short answers on:

(10 x 3 = 30)

1. What is primary data?
2. Define hypothesis with example.
3. Qualitative variables.
4. Define sampling.
5. ANOVA.
6. Statistical Table.
7. Define Frequency polygon.
8. p-value.
9. Line diagram.
10. Define mean, median, mode.
