

Nov-2013

# BLDE UNIVERSITY

## PRE –Ph.D COURSE WORK EXAMINATION

PAPER – I: Research Methodology (Compulsory/Core Paper)

QP CODE : 6007

Duration : 1 ½ Hrs

Max. Marks : 50

**I Answer the following**

5X2=10 marks

1. What are the measures of central tendency?
2. Vancouver system of reference writing.
3. What is a histogram?
4. Informed Consent
5. What is temporal association?

**II Answer ANY FOUR of the following**

4X5=20 marks

6. What are the advantages of a scatter diagram?
7. What is a 'peer review' process?
8. Explain in brief 'conflicts of interest' in research.
9. Discuss the relationship between incidence and prevalence of a disease in brief.
10. What are the various types of observational studies?

**III Answer ANY TWO of the following**

2X10=20 marks

11. Describe various steps of organizing a randomized controlled trial (Diagrammatic).
12. Discuss advantages and disadvantages of animal study.
13. Describe 'sensitivity' and 'specificity' of a screening test with examples.