



## BRAINWARE UNIVERSITY

### Ph.D. Course Work Examinations

Programme – Ph. D. In Management, Ph.D. In Computer Science, Ph.D. in Computer Science and Engineering

Course Name – Research and Publication Ethics

Course Code – PHD-RPE01

(Semester – 1)

The figure in the margin indicates full marks. Candidates are required to give their answers in Their own words as far as practicable.

### Group –A

(Multiple Choice Type Questions)

1 x 10 = 10

1. Choose the correct alternative from the following :
  - i) Locate a systematic step-by-step procedure following logical process of reasoning
 

a Experiment	b Observation
c Deduction	d Scientific method
  - ii) Locate the application of Scientific method
 

a Objectivity	b Ethics
c Proposition	d Neutrality
  - iii) Identify research conducted to find solution for an immediate problem is
 

a Fundamental Research	b Analytical Research
c Survey	d Action Research
  - iv) Indicate the other name of Fundamental Research
 

a Action Research	b Survey
c Pilot study	d Pure Research
  - v) Select research through experiment and observation
 

a Clinical Research	b Experimental Research
c Laboratory Research	d Empirical Research
  - vi) Select nature of Population Census
 

a Survey	b Empirical
c Clinical	d Diagnostic
  - vii) Select the area Research method is included
 

a Problem	b Experiment
c Research Techniques	d Research methodology

- viii) Predict the research that helps social planning
- |   |                         |   |                   |
|---|-------------------------|---|-------------------|
| a | Social Science Research | b | Experience Survey |
| c | Problem formulation     | d | Diagnostic study  |
- ix) Predict research that helps in explaining the nature of the problem
- |   |           |   |          |
|---|-----------|---|----------|
| a | Velocity  | b | Momentum |
| c | Frequency | d | Gravity  |
- x) Select the process of converting a question into a Researchable problem
- |   |                     |   |                 |
|---|---------------------|---|-----------------|
| a | Solution            | b | Examination     |
| c | Problem formulation | d | Problem Solving |

### Group – B

(Short Answer Type Questions)

5 x 6 = 30

Answer the following questions :

2. State value considerations in Research Methodology.
3. Describe ethics with respect to science and research.
4. Explain process of avoidance of redundant publications.
5. Evaluate the ethical steps of empirical research.
6. Evaluate the ethical steps of historical research.
7. Assess problems of selective reporting.

### Group – C

(Long Answer Type Questions)

10 x 6 = 60

Answer the following questions :

8. Enumerate publication ethics.
9. Enumerate characteristics of a good research plan.
10. Discuss the concept of designing a measurement scale.
11. Illustrate publication misconduct and ways of avoidance.
12. Evaluate use of indexing databases.
13. Evaluate ethical considerations involved in research report.