BBT

BRAINWARE UNIVERSITY

Ph.D. Course Work Examinations, September - 2026

Programme – Ph.D. in Pharmaceutical Sciences, Ph.D. in Engineering (Computer Science and Engineering), Ph.D. in Science (Computer Science), Ph.D. in Science (Biotechnology), Ph.D. in Management, Ph.D. in Mathematics, Ph.D. in Humanities (English)

Course Name – Research and Publication Ethics

Course Code – PHD-RPE01

(Semester – 1)

Full Marks: 100 **Time: 4 hours**

[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) A research which follows case study method is called

a Clinical or diagnostic b Causal
c Analytical d Qualitative

ii) Research conducted in class room atmosphere is called

a Field study b Survey
c Laboratory Research d Empirical Research

iii) Research through experiment and observation is called

a Clinical Research b Experimental Research
c Laboratory Research d Empirical Research

iv) The problem selected must have

a Speed b Facts
c Values d Novelty

v) A short summary of Technical Report is called

a Article b Research Abstract
c Publication d Research Summary

vi) ..... is called publication in a Research journal

a Research Summary b Popular report
c Research article d News

vii) Bibliography means

a Foot Note b Quotations
c List of Books referred d End Note

viii) Failure to acknowledge the borrowed material is called

a Acknowledgement
b Foot note
c Index
d Plagiarism

ix) Social research aims at .....

a Integration
b Social Harmony
c National Integration
d Social Equality

x) "Empirically verifiable observation" is

a Theory
b Value
c Fact
d Statement

Group – B

(Short Answer Type Questions) 5 x 6 = 30

Answer the following questions :

2. State value considerations in Research Methodology.
3. Evaluate the ethical steps of empirical research.
4. Evaluate the ethical steps of historical research.
5. Assess problems of selective reporting.
6. Evaluate problems of data misrepresentation.
7. Evaluate nature of ethics in higher education.

Group – C

(Long Answer Type Questions) 10 x 6 = 60

Answer the following questions :

8. Enumerate characteristics of a good research plan.
9. Illustrate publication misconduct and ways of avoidance.
10. Illustrate conflict of interest and ways of avoidance.
11. Explain APA style of writing.
12. Explain ways of identifying predatory publishers.
13. Explain techniques of paraphrasing.
