

Ph.D. GEOLOGY (PHDGY)

Term-End Examination

June, 2022

RGY-101 : RESEARCH METHODOLOGY

Time : 3 hours

Maximum Marks : 100

Note : Answer any **five** questions. All questions carry equal marks.

1. What are the major thrust-areas of research in Indian Geology ? How would you encounter any one of them ? 20
2. How does a review of literature help in designing a research problem and identifying gaps in the literature ? 20
3. What are the statistical and graphical methods used in the assessment of geological data ? 20
4. How does a thesis work progress from its inception to completion ? 20
5. Describe ethics in research. Write a note on plagiarism and methods to avoid it. 20
6. Discuss various geological codes (software) used in geological research. 20

7. Write short notes on any **two** of the following : *2×10=20*
- (a) Working Hypothesis
 - (b) Digital and Web-based Resources
 - (c) Correlation Matrix
 - (d) Importance of Pre-Ph.D. Seminar
8. Write short notes on any **two** of the following : *2×10=20*
- (a) Blind Review of Manuscript
 - (b) Salient Features of an Abstract
 - (c) H and I Index
 - (d) Literature Review
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