

**Ph.D. GEOLOGY  
(PHDGY)**

00185

**Term-End Examination  
June, 2018**

**RGY-101 : RESEARCH METHODOLOGY**

*Time : 3 hours*

*Maximum Marks : 100*

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

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1. Give a detailed account of the processes involved in writing a research paper. 20
2. Elaborate the qualitative and quantitative assessment of data. 20
3. Explain the significance of research in various branches of geology. 20
4. Discuss in detail, hypothesis and theory in research. 20
5. Discuss the possible venues for the presentation of research outcomes. 20

6. Explain the peer review process, impact factor and citation index. 20
7. Write short notes on any **two** of the following : 2×10=20
- (a) Importance of Research
  - (b) Literature Review
  - (c) Plagiarism
  - (d) Recent Trends in Geological Research
8. Write short notes on any **two** of the following : 2×10=20
- (a) Sampling Design and Data Collection
  - (b) Computer Applications in Research
  - (c) Funding Agencies in Geological Research
  - (d) Intellectual Property Rights
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