

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

**Term-End Examination**

**December, 2018**

**RGY - 101 : RESEARCH METHODOLOGY**

*Time : 3 hours*

*Maximum Marks : 100*

*Note : (i) Answer any five questions.*

*(ii) All questions carry equal marks.*

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1. Explain types, characteristics and importance of research. 20
  2. Give a detail account of thesis writing. 20
  3. Discuss in detail research design. 20
  4. Write an essay on intellectual property rights. 20
  5. Explain peer review process, impact factor and citation index. 20
  6. Give detailed account of qualitative and quantitative assessment of data. 20

7. Write short notes on any two of the following : 2x10=20
- (a) Literature collection
  - (b) Hypothesis and theory in research
  - (c) Concept of research in geology
  - (d) Viva-voce and presentation
8. Write short notes on any two of the following : 2x10=20
- (a) Major emerging areas in geological research
  - (b) Importance of field work in geological research
  - (c) Use of statistics in geological research
  - (d) Funding agencies in geological research
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