

Ph.D (GEOLOGY) (PHDGY)

Term-End Examination

June, 2016

**RGY-001 : RESEARCH METHODOLOGY IN
GEOLOGY**

Time : 2 hours

Maximum Marks : 50

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

(ii) *Each question carries equal marks.*

1. Give an account of any two institutions which carry out research in the field of geological sciences in India with emphasis on their objectives and thrust areas of research. 10
2. Write an essay on two government organizations which fund research projects in Earth Sciences. Include a note on their thrust areas of research. 10
3. Elaborate on the ethical issues to be taken care of while carrying out scientific research. 10

OR

- Give an account of IPR and copyright related issues in research. 10
4. Describe the major steps to be followed while preparing a manuscript for publication in Earth Science Journals. 10

5. Discuss the salient features of Science, Technology and Innovation Policy 2013 of the Government of India. **10**
6. Describe role of literature survey in scientific research. Also give a brief account of any two online search databases available for the purpose. **10**
7. Write short notes on **any two** of the following : **2x5=10**
- (a) Bibliography and reference
 - (b) Major contents of a research proposal and their description
 - (c) Use of internet in research
 - (d) Peer review process
8. Write short notes on **any two** of the following : **2x5=10**
- (a) Digital Library
 - (b) Statistical representation of data
 - (c) Plagiarism
 - (d) Precision and accuracy
-