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RGY-101

Ph. D. GEOLOGY
(PHDGY)
Term-End Examination
June, 2023

RGY-101 : RESEARCH METHODOLOGY

Time : 3 Hours

Maximum Marks : 100

Note : (i) *Attempt any five question.*

(ii) *All questions carry equal marks.*

1. Discuss various types of tools and techniques used in data collection. 20
2. Explain aims and objectives of a research project. List various steps followed in the formulation of a research project. 20
3. Discuss the steps involved in writing a good Ph.D. thesis. 20
4. Elaborate on the hypothesis and theory in research. 20
5. Give an account of the socio-legal issues in science communication. 20

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6. Discuss the processes and stages in scientific writing. Add a note on identifying venues for publishing research output. 20

7. Write short notes on any *two* of the following :

2×10=20

(a) Types of peer review process

(b) Literature review

(c) Application of computer in research

(d) Data presentation

8. Write short notes on any *two* of the following.

2×10=20

(a) Type of research

(b) Emerging areas in geological research

(c) Qualitative data assessment

(d) Impact factor