



An Introduction to Geology: With Multiple Choice Questions

V S Joji

2017	18 X 24	446 pp	Paperback	ISBN: 9789385909207	Price: 425.00
------	---------	--------	-----------	------------------------	---------------

About the Book

The book contains two sections descriptive and question bank sections. The descriptive part of the book contains concise and focused treatment of the different sub-disciplines of Geology. The information presented in this part of the book covers Physical Geology, Geomorphology, Structural Geology, Geotectonics, Stratigraphy, Indian Geology, Palaeontology, Geoinformatics, Crystallography, Physical Mineralogy, Chemical Mineralogy, Optical Mineralogy, Descriptive Mineralogy, Igneous Petrology, Sedimentology, Metamorphic Petrology, Geochemistry and Environmental Geology, Economic Geology, Exploration Geology, Engineering Geology and Hydrogeology.

The book is highly useful to faculty and students especially those who are preparing for various competitive examinations viz. UGC-CSIR, GATE, UPSC Geologists examination, Indian Civil Services, Forest Services, various state level officers' and other examinations including UG and PG level University exams.

Salient Features

Covers all the major topics in Geology, with an emphasis on the geology of India.
Contains more than 1400 objective type questions with answers.
Presents solved GATE papers of the last 5 years.

Table of Contents

Section I

1. Physical geology and Geomorphology
2. Structural Geology
3. Geotectonics
4. Stratigraphy
5. Indian Geology
6. Palaeontology
7. Geoinformatics

Section II

8. Crystallography
9. Physical Mineralogy
10. Chemical Mineralogy
11. Optical Mineralogy
12. Descriptive Mineralogy
13. Igneous Petrology
14. Sedimentology
15. Metamorphic Petrology
16. Geochemistry
17. Environmental Geology

Section III

18. Economic Geology & Exploration Geology

19.Engineering Geology

20.Hydrogeology

Multiple Choice Questions

Section IV

Solved Question papers of GATE Examinations (2013-2017)

Annexure

About the Author

V S Joji :- Dr V.S. Joji, working as faculty at Rajiv Gandhi National Ground Water Training and Research Institute, Central Ground Water Board, Ministry of Water Resources, River Development and Ganga Rejuvenation, Govt. of India, Raipur, Chhattisgarh and is also working as Govt. of India TNA consultant. He completed his graduation and post-graduation from University of Kerala, Thiruvananthapuram. He carried his PhD work at the University of Kerala availing financial assistance from University Grants Commission in the form of UGC-Junior Research Fellowship (UGC-JRF). Dr. Joji qualified almost all the competitive examinations in the field of Geology and a few among them are NET, UGC-JRF, CSIR-JRF, GATE, Geologist in ONGC & GSI and Lecturer in Geology.

Dr. Joji has successfully completed many TOT courses of DOPT such as SAT, NTP, TNA, DTS and DOT courses designed by Thames valley University, UK. He has more than 50 published international, national research, technical papers and reports to his credit.

Book Review

Dr Rajeeva Guhey :- Dr V.S. Joji's affordable new book entitled **"An Introduction to Geology with Multiple- Choice Questions"** published by I K International Publishing House, New Delhi, is a much needed publication. Apart from undergraduate and post graduate students of Geology and engineering, this book would be highly useful for faculty and students preparing for various competitive examinations like GATE, UPSC, IAS, UGC-CSIR JRF, and various state level exams. The book describes basic concepts of almost all branches of Geology, followed by solved question bank containing about 1400 objective type questions on respective topics. The book also contains solved GATE papers of last five years. The only shortcoming I observed is lack of illustrations particularly in the descriptive section. The subject geology is such that without pictorial presentations, the descriptions tend to be far less perspicuous.

Dr V.S. Joji has tried to incorporate all the necessary components of the subject, for which he deserves all accolades. I wish that the author's efforts are highly useful to the whole community of earth sciences including mining and civil engineers.

Dr Rajeeva Guhey

Professor, Geology

Govt.NPG College of Science

Raipur Chhattisgarh