

Total No. of Pages: 1

6021

Register Number:

Name of the Candidate:

M.Sc. DEGREE EXAMINATION, 2010

(GEO-INFORMATICS)

(FIRST YEAR)

(PAPER-I)

510. INTRODUCTION TO EARTH SCIENCES

(Old Regulation)

Dec.)

(Time: 3 Hours

Maximum: 100 Marks

Answer ALL questions (5×20=100)

1. a) Describe the various radioactive methods used for the determination of age of the earth.
(OR)
b) Write notes on:
i) Continental drift and plate tectonics.
ii) Atmospheric circulation, weather and climate changes.
2. a) Write an essay on feldspar group minerals.
(OR)
b) Describe the basic ideas about the methods of mineral exploration, mining, conservation and utilization of natural resources.
3. a) Write an essay about the classification of sedimentary rocks.
(OR)
b) Give an account of the economic importance of
i) Igneous rocks ii) Metamorphic rocks
4. a) Describe the general morphological characters classification, geological distribution and evolutionary history of Phylum Mollusca.
(OR)
b) Describe the physical and structural subdivisions of the Indian subcontinent.
5. a) Write an essay on the geological work of glaciers.
(OR)
b) Give a detailed account of the various types of folds. Describe the criteria for their recognition in the field.
