

Register Number :

Name of the Candidate :

1 7 4 2

M.Sc. DEGREE EXAMINATION, 2008

(GEO-INFORMATICS)

(FIRST YEAR)

(PAPER - II)

**120. INTRODUCTION TO EARTH
SCIENCES – II**

(New Regulations)

May]

[Time : 3 Hours

Maximum : 100 Marks

Answer All questions.

Each answer should be in about 1500 words.

(5 × 20 = 100)

1. (a) Describe magmatic differentiation process.

(OR)

(b) Explain the geomorphic cycle and add a note on its role in physical geography.

Turn over

2. (a) Write an essay on the classification of igneous rocks.

(OR)

- (b) Give an account of metamorphic facies.

3. (a) Explain various views on the origin of life.

(OR)

- (b) Describe the morphological characters of Trilobites and add a note on their geological history.

4. (a) Describe various principles employed in the lithostratigraphic correlation.

(OR)

- (b) Describe the lower Gondwarra formations with a note on their economic importance.

5. Describe the following deposits of India :

- (i) Jharia coal field.
- (ii) Oil fields of Bombay High.
- (iii) Lignites of Neyveli.
- (iv) Beach sands of West Coast of India.

(OR)

- (b) Outline the methods of conservation and utilization of mineral resources.