

2010-2011
B.Sc. (HONS.) (PART-II) EXAMINATION
(GEOLOGY)
EARTH'S PROCESS AND RESOURCES
(GL-205)

Maximum Marks: 40

Duration: Three Hours

Answer all the questions.

1. Discuss the origin of coal. Briefly describe the different types of coal. 06

OR

1'. Write detailed notes on the following:

- (a) Renewable Energy resources
- (b) Nuclear Fuels

2. Write short notes on any two: 06

- (a) Rock forming minerals
- (b) Systematic classification of minerals.
- (c) Physical properties and chemical composition of Amphibole Group of minerals.

3. Discuss briefly various magmatic processes of Ore Genesis. 07

OR

3'. Write short notes on the following:

- (a) Hydrothermal deposits
- (b) Residual mineral deposits.

4. Name various minerals of Manganese and give the distribution of important manganese deposits in India. 07

OR

4'. Write detailed notes on the following:

- (a) Metallogenic Epochs.
- (b) Geological setting of Gold deposits in India.

5. Write short notes on any two: 07

- (a) Minerals used as fillers.
- (b) Raw materials used for cement industry
- (c) Ceramic minerals

6. Write short notes on the following: 07

- (a) Underground mining
- (b) Mineral processing and beneficiation.