

(4233)

2009-2010
B.Sc. (Hons.) (PART - III) EXAMINATION
(GEOLOGY)
ENERGY RESOURCES & MINERAL EXPLORATION
(GL-316)

Duration: Three Hours

Maximum Marks: 40

Note: Answer all questions.

1. Write detailed notes on any two of the following:- (07)
- (a) Lower Gondwana coal fields of India.
 - (b) Varieties of coal and their characters.
 - (c) Tertiary coalfields of India.
2. Write a comprehensive essay on onshore and offshore petroliferous basins of India. (07)
- OR
- 2'. Write explanatory notes on the following:-
- (a) Oil traps
 - (b) Oil well logging
3. Describe the methods of prospecting for radioactive minerals. (07)
- OR
- 3'. Write detailed notes on the following :
- (a) Radioactive well logging
 - (b) Nuclear waste disposal
4. Briefly describe various types of surface and subsurface methods of mineral exploration. (07)
5. Explain any two of the following:- (06)
- (a) Drilling methods.
 - (b) Ore reserve estimation
- OR
- 5'. Discuss fundamentals of geobotanical and geochemical methods for mineral exploration.
6. Write a comprehensive essay of India's revised national mineral policy. (06)
