

2023
B.A./B.Sc.
Third Semester
GENERIC ELECTIVE – 3
GEOLOGY
Course Code: GLG 3.11
(Earth Resources)

Total Mark: 70
Time: 3 hours

Pass Mark: 28

Answer five questions, taking one from each unit.

UNIT-I

1. Discuss energy resources in industries. 14
2. Write notes on the following: 7×2=14
 - (a) Resource and reserve with their classification
 - (b) Water resources

UNIT-II

3. Explain the difference between power, electricity and energy. 14
4. Write notes on the following: 7×2=14
 - (a) Renewable and non-renewable energy
 - (b) Primary and secondary energy

UNIT-III

5. Explain the potential of hydroelectric power. 14
6. Write a note on the following: 7×2=14
 - (a) Natural oil and gas
 - (b) Nuclear mineral as a source of energy

UNIT-IV

7. With a neat diagram explain the vertical distribution of groundwater. 14
8. Write a note on the following: $7 \times 2 = 14$
- (a) Impact of urbanization on groundwater
 - (b) Ground water resources and its role in economic development of a country.

UNIT-V

9. Write note on formation of gemstones. 14
10. Write notes on the following: $7 \times 2 = 14$
- (a) Metallic and non-metallic deposits
 - (b) Precious metals
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