

GE6351 - ENVIRONMENTAL SCIENCE AND ENGINEERING

QUESTION BANK

UNIT-3 NATURAL RESOURCES

PART A

1. What are the types of natural resources?
2. Define deforestation and causes of deforestation.
3. Mention some consequences of deforestation.
4. Define mining and its types.
5. What are the steps involved in mining.
6. What are the effects of dams on forest?
7. Define the steps in hydrological cycle.
8. What are the types of fresh water resources?
9. What are the consequences of over utilization of ground water?
10. How minerals are formed and what are the classifications of mineral resources?
11. How minerals are exploited?
12. What are the impacts of extracting and using minerals?
13. Mention the problems in using fertilizers and pesticides.
14. What is salinity? And what are the problems faced during salinity.
15. Define OTE.
16. What is biomass energy?
17. Differentiate coal power and nuclear power.
18. Define soil erosion and its types.
19. Define desertification.
20. What is meant by bioconversion of pollutants?

16 MARKS

1. Explain in detail about forest resources, its functionality and benefits.
2. What is deforestation? What are the causes of deforestation? And explain their impact on the environment.
3. (i) Brief about timber extraction and its consequences.
(ii) What is mining explain its types.
4. (i)What are dams and explain their effects on forest and tribal people. Explain with any one case study.
(ii)Mention the benefits and problems in constructing a dam.
5. (i)Discuss in detail about water Resources.
(ii) Discuss about desertification.
6. Briefly explain in detail about mineral resources.
7. (i)Explain in detail about Food resources.
(ii) What are the adverse effects of agricultural practices.
8. Describe in detail about Renewable and nonrenewable energy resources.
9. Discuss in detail about energy conversion process.
10. (i) Explain in detail about soil erosion and its types
(ii)Briefly explain about biochemical degradation of pollutants.