

0812N172

B.Sc. Sem.-3 Examination

CC 202

Environmental Science

December 2021

[Max. Marks : 50

Time : 2-00 Hours]

- Instructions:** (1) All Questions in Section I carry equal Marks.
(2) Attempt any THREE questions in Section I.
(3) Questions IX in Section II is Compulsory.
(4) Draw Figures where necessary. Show question number against each answer.
(5) Figures in right are marks.

Section-I

1. (A) Describe Fishery resources of Gujarat and their utilization. 7
(B) Explain Ecological and economical Importance of Forest. 7
2. (A) Detailed Note on marine resources, food resources. 7
(B) Explain types of fishes' species in Gujarat coastline area. 7
3. (A) Short note on Mineral resources. 7
(B) Describe Rock cycle with examples. 7
4. (A) Explain Types of Mining. 7
(B) Describe ocean mining for mineral resources. 7
5. (A) Explain Types of water pollutants and their effects. 7
(B) Short note on Water Budget. 7
6. (A) Explain Types of dams & factors affecting selection of type of dam. 7
(B) Describe Rain water harvesting & Conservation 7
7. (A) Give detail Note on sustainable energy strategy. 7
(B) Describe Indian renewable energy programme. 7
8. (A) Explain ecological, economic & ethnological approach. 7
(B) Describe soil conservation strategies. 7
9. Answer in short (Any Eight) 8
(1) Give three examples of metallic and three examples of non-metallic minerals.
(2) Name four important iron ore-producing states of India.
(3) Name four manganese ore-producing states of India.
(4) Name four bauxite-producing states.
(5) Name three states which are known for the production of mica.
(6) What are conventional sources of energy?
(7) Name six non-commercial sources of energy.
(8) Name three most important coal producing states of India.
(09) Mention three areas where petroleum is found in India.
(10) What are rocks?
(11) Name a single mineral rock.
(12) How much world's water exists as oceans and fresh water?
(13) Which are the sources of freshwater?
(14) Which is the major source of freshwater in India?
(15) Mention two causes of water scarcity.
(16) How much hydroelectric power is produced in India?
(17) State any one reason for conservation of water resources.
(18) In whose kingdom in ancient India, dams and lakes were built?
(19) How dams are classified on the basis of structure and the material used?
(20) The following state has the highest marine fish production in India.
a. Maharashtra b. Gujarat c. Kerala d. Tamil Nadu