

Seat No. : _____

NJ-112

December-2015

B.Sc., Sem.-III

**Core Course-202 : Environmental Science
(Water and Atmosphere)**

Time : 3 Hours]

[Max. Marks : 70

1. Answer the following : (any **two**) **14**
- (1) Describe Physiography of ocean floor.
 - (2) Discuss properties of Sea Water.
 - (3) Write a note on Sea level changes.
 - (4) Short note on Biological productivity in the ocean.
2. Answer the following : (any **two**) **14**
- (1) Write a note on Global distribution of water.
 - (2) Discuss Physical and Chemical impurities in drinking water.
 - (3) Write a note on Glaciers.
 - (4) Discuss hydrological cycle.
3. Answer the following : (any **two**) **14**
- (1) Write a note on sulphur compound and its effects.
 - (2) Describe air pollution in detail.
 - (3) Explain the structure of atmosphere.
 - (4) Discuss the meteorological parameters of atmosphere.

4. Answer the following : (any **two**) **14**
- (1) Write a note on Estuary.
 - (2) Describe the continental shelf.
 - (3) Describe Coral reef as Biome.
 - (4) Write a note on palaeontology.

5. Answer the following : (any **seven**) **14**
- (1) Name the types of waves.
 - (2) Give the differences between continents and ocean basin.
 - (3) Name all the ocean of the world.
 - (4) Define Cryosphere and Hydrosphere.
 - (5) What are the sources of water on the Earth ?
 - (6) Define Air pollution and give the types of Air pollutants with example.
 - (7) What is Photochemical reaction ?
 - (8) Give the importance of Coral reefs.
 - (9) Give the types of coral reefs.
 - (10) Write a note on Scavenging process.
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