

SL-114

September-2020

B.Sc., Sem.-VI

**CC-310 : Environmental Science
(Environment Management and Planning)**

Time : 2 Hours]

[Max. Marks : 50

- Instructions :**
- (1) All Questions in **Section I** carry equal marks.
 - (2) Attempt any **THREE** questions in **Section I**.
 - (3) Question 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) List types of disasters and explain strategy for disaster mitigation. 7
(B) Describe pre-and post-disaster management for Earthquake. 7
2. (A) Discuss method for assessing risk while predicting disaster. 7
(B) Describe pre-and post-disaster management for Cyclone. 7
3. (A) Explain Kuznets' curve for renewable and non-renewable resources. 7
(B) How urbanization in developing countries is linked to environmental damage ? 7
4. (A) Write note on Environmental ethics. 7
(B) Explain economic aspect of environmental policy. 7
5. (A) Define Sustainable Development and strategies for its planning. 7
(B) How Sustainable Development can be incorporated in to economic reforms ? 7
6. (A) Discuss concept and need for Sustainable Development. 7
(B) Write note on Rio declaration. 7
7. (A) Give importance of soil reclamation and describe biological methods applicable. 7
(B) Write detailed note on concept and ways for land use planning. 7
8. (A) Explain Cofferdam method for soil reclamation process. 7
(B) Describes methods of site selection and evaluation of land. 7

Section – II

8

9. Answer in short (any **eight**).

- (1) Define epidemic with examples.
- (2) Name two Mitigation strategies applicable to forest fire.
- (3) Name two cyclone types.
- (4) Define desertification.
- (5) Give importance of Brundtland Commission.
- (6) Define Phagotrophs.
- (7) List any two mitigation strategies for landslide.
- (8) Which pesticides company was responsible for Bhopal Gas tragedy (1984) ?
- (9) List devastating impact of Tsunami.
- (10) Write the impact of Famines.
- (11) Give full form of ECC.
- (12) Define and give two examples for epidemic.
- (13) What was principle adopted at Rio conference ?
- (14) Define Tsunami.
- (15) List highlight of Kyoto protocol.
- (16) What was decided under Montreal protocol ?
- (17) List scope for sustainable development.
- (18) Define Composting.
- (19) List functions of mechanical separation method of soil reclamation.
- (20) What is Electro-remediation ?
- (21) Differentiate between Phytostabilization and Phytoextraction process.
- (22) List objectives of soil-flushing.