

B.Sc. Sem.-6 Examination

CC - 310

Environmental Science

August 2021

Time : 2-00 Hours]

[Max. Marks : 50

Attempt any three :

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 & 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 into 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
9. Answer in short: (Any **eight**) 8

1. What is Ring of Fire?

- a. Belt of volcanoes in the Circum Pacific region
- b. Belt of volcanoes in the mid-continental region
- c. Belt of volcanoes in the mid-atlantic region
- d. None of the above

2. Which of the following rivers in Tripura experience tide

- a. Gumti
- b. Fenny
- c. Howra
- d. Khowai

3. Earthquakes occur when there is a sudden release of stored up energy in Earth's

- A. inner core
- B. outer core

- C. upper mantle
- D. lower crust

4. Tremors that have occurred in Earth's crust are known as
- A. Earthquakes
 - B. Volcanic eruptions
 - C. Bed eruptions
 - D. Volcano-Earth Quake

5. Instrument used to measure earthquake is known as _____
- A. quake meter
 - B. quake graph
 - C. seismograph
 - D. typanicgraph

6. Which of these problems can be caused by floods?
- a. Landslips
 - b. Sewage contamination
 - c. Destroyed crops
 - d. All of the above

7. Marketing ethics can be divided into normative and _____ branches.
- a) moral
 - b) normative
 - c) descriptive
 - d) virtue

8. A central theme of corporate social responsibility is defined as
- a) belief that the legal system defines ethical behaviour
 - b) development of inclusive codes of ethics
 - c) rules by which social rewards are attained
 - d) corporations have some responsibility to wider society that goes beyond the pursuit of profit

9. This is a form of ethical approach by which the rightness or wrongness of an action or decision is not judged to be exclusively based on the consequences of that action or decision:
- a) Descriptive ethics.
 - b) Deontological ethics.
 - c) Social ethics.
 - d) Religious ethics.

10. This involves the setting of different prices for different groups of people:
- a) Price gouging.
 - b) Price discrimination.
 - c) Price differential.
 - d) Price fixing.

11. This branch of ethics stresses the importance of developing virtuous principles, with 'right' character, and the pursuit of a virtuous life:

- a) Virtue ethics.
- b) Utilitarianism.
- c) Normative ethics.
- d) Teleological ethics.

Answer: A

12. This occurs when a company charges more than governments perceive is fair for their offerings:

- a) Price gouging.
- b) Price discrimination.
- c) Price differential.
- d) Price fixing.

Answer: A

13 Which option is correct, when we only accomplish two out of three pillars of Sustainable Development?

- A) Economic + Environmental Sustainability = Viable
- B) Social + Environmental Sustainability = Bearable
- C) Social + Economic Sustainability = Equitable
- D) None of the above

14. The word 'Sustainable Development' came into existence in the year?

- A) 1992
- B) 1978
- C) 1980
- D) 1987

15. The United Nation's Commission on Sustainable Development (CSD) was started by the UN General Assembly in the year.

- A) 1995
- B) 1994
- C) 1993
- D) 1992

16. Which of the option is not incorporated as sustainable development parameters?

- A) Gender disparity and diversity
- B) Inter and Intra-generation equity
- C) Carrying capacity
- D) None of the above

17. Meeting the needs of the present without compromising the ability of future generation to meet their own need' is given by:

- A Brundtland
- B Mahatma Gandhi
- C Maathai
- D Sunderlal Bahugana

18. Sustainable development will not aim at _____

A Social economic development which optimise the economic and societal benefits available in the present, without spoiling the likely potential for similar benefits in the future

B Reasonable and equitable distributed level of economic well being that can be perpetuated continually

C Development that meets the need of the present without compromising the ability of future generation to meet their own needs

D Maximising the present day benefits through increased resource consumption

19. Which landuse zone is being described below?

"This area contains back to back terraced housing. The streets are laid out in a linear, grid iron pattern"

(a) CBD

(b) Inner City

(c) Inner Suburbs

(d) Outer Suburbs

20. Residential development regulations can contribute to affordability problems in a community by

(a) encouraging high density developments

(b) using outdated standards

(c) requiring maximum dwelling size limits

(d) all of the above
