

Time: 2½ hrs.

Marks:75

- Note:**
1. All questions are compulsory with internal options.
 2. Figures to the right indicate full marks.
 3. Draw neat diagram wherever necessary.

Q. 1 (A) Fill in the blanks with the correct answer from the alternatives given below. (08)
Attempt any 8)

- (1) The 4 Ps in Green Marketing Mix are _____
(a) Product, Place, Price, Promotion
(b) Product, Place, Price, Principle
(c) Product, Place, Packaging, Promotion
(d) Practicality, Place, Price, Promotion
- (2) The process in which only the best suited organisms survive is called _____
(a) Adaptation
(b) Competition
(c) Symbiosis
(d) Natural Selection
- (3) _____ are included in eco-friendly packaging.
(a) Biodegradable plastics
(b) Recycled Packaging
(c) Natural Packaging
(d) All of the above
- (4) The Environment Act was established in the year, _____
(a) 1986
(b) 1989
(c) 1994
(d) 1998
- (5) Disaster Management includes how many stages?
(a) 4
(b) 7
(c) 5
(d) 3
- (6) EIA was introduced in India for _____ project.
(a) Mining
(b) airports
(c) industries
(d) all of the above
- (7) The graphical representation that depicts the number of organisms, biomass, etc. at each trophic level is called _____
(a) Pyramid
(b) Bar Graph
(c) Circle
(d) Line Graph
- (8) A food web consists of
(a) A portion of food chain
(b) An organism's position on food chain
(c) Interlocking food chains
(d) A set of similar consumers
- (9) _____ is an analysis of environmental impacts of a product throughout all stages.
(a) life cycle audit
(b) activity audit
(c) operational audit
(d) impact audit

- (10) Improved cutting process includes _____
(a) Selective cutting
(b) Strip cutting
(c) Clear cutting
(d) All of the above

(B) State whether the following statements are true or false. (Attempt any 7) (07)

- (1) Sustainable development means meeting the present needs without compromising the future needs.
- (2) Selective cutting is a specific remedial practice for the conservation of forests.
- (3) Geothermal energy is the heat from inside the Earth that is clean and sustainable.
- (4) The population of an organism decreases as we move up in the food chain.
- (5) Wind energy is a clean form of energy.
- (6) Ecotourism works on the principle of minimising the adverse impact on environment, local culture and heritage.
- (7) Only 10% of net energy production is passed from one trophic level to another.
- (8) The penalty for violation as per Environment Act is upto 5 thousand Rs.
- (9) Process through which plants reproduce is called transpiration.
- (10) The practice of cultivating crops in alternative strips to prevent water movement is called Contour Farming.

Q.2 (A) With a neat diagram explain the mechanism of the water cycle. (15)

OR

Q.2 (B) What do you mean by Ecosystem? Explain the Energy Flow Pyramid in brief. (15)

Q.3 (A) Explain the causes and remedies of degradation of land. (15)

OR

Q.3 (B) What is waste? Explain the different waste management techniques. (15)

Q.4 (A) Define sustainability. Explain the process of Environmental Impact Assessment (EIA). (15)

OR

Q.4 (B) What is an environmental audit? Discuss its types. (15)

Q.5 (A) Elaborate on the model for Green Marketing mix. (15)

OR

Q.5 (B) Write short notes on (Attempt any 3) (15)

- (1) Air Pollution
- (2) Food Web
- (3) Water Act
- (4) Advantages of Organic Farming
- (5) Noise Pollution

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