

**2021**

*Time : 3 hours*

*Full Marks : 70*

*Candidates are required to give their answers in their own words as far as practicable.*

*The figures in the margin indicate full marks.*

*Answer from **all** the Parts as directed.*

**Part – A**

**(Objective Type Questions)**

1. Select the correct answer from the options given below : 1×5 = 5

(a) Sound of which of the following dB is considered as the critical level for year damage ?

(i) 25dB

(ii) 45dB

(c) Ecological Pyramids



(iii) 75dB

✓(iv) 85dB

(b) Global Warming can significantly be controlled by :

(i) Increasing solid waste

(ii) Reducing water wastage

(iii) Burning human generated waste

✓(iv) Reducing fossil fuel consumption

(c) In which way redioactive radiation affect the livings ?

(i) Shortening of life span

(ii) Induces cataract

(iii) Causes cancer

✓(iv) All of these

(d) Which of the following is not a renewable source of energy ?

(i) Geothermal power

(ii) Hydropower

(iii) Nuclear energy

✓(iv) Ethanol

(e) Which of the following is not a biodiversity hotspot of India ?

(i) Terrai-duar savannah



- (ii) Western Ghat
- (iii) Sundaland
- (iv) Madrean pine-Oak woodlands

Fill in the blanks with correct answer :  $1 \times 5 = 5$

- (a) Ecosystems are only \_\_\_\_\_ percent efficient.
- (b) \_\_\_\_\_ is a type of biodegradable pollutant.
- (c) \_\_\_\_\_ is a form of pollution that arises from photo-oxidation of the various constituents of the atmosphere.
- (d) The Earth-Summit 1992 held in 3-june.
- (e) \_\_\_\_\_ was taken up in 1985 to guide and oversee the implementation of the programme for restoring the water quality of river Ganga.

### Part – B

#### (Short-answer Type Questions)

2. Write short notes on any **four** of the following (answer in not more than **200** words each) :

$5 \times 4 = 20$

- (a) The Earth-Summit 1992
- (b) Basic approaches to environmental ethics

(c) ecological pyramids.  
 WR – 8/1 (3) (Turn over)



(d) Ozone layer depletion

(e) PVC

(f) Biomagnification

### Part – C

#### (Long-answer Type Questions)

3. Answer any **four** questions out of the following :

10×4 = 40

✓(a) Describe about the biogeography zones of India.

✓(b) What is greenhouse effect ? How does it regulate the temperature of the earth ?

(c) Define Water Pollution. What are various types of water pollution ?

(d) Describe the National Environmental Policy in relation to sustainable development.

(e) What are some endangered and endemic species of India ?

✓(f) Define Biodiversity. What are the various threats to biodiversity ?

