



BRAINWARE UNIVERSITY

Course –MCOM

Environment Management (MCM402)

(Semester – 4)

Time allotted: 3 Hours

Full Marks : 70

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

Group –A

(Multiple Choice Type Question)

10 x 1 = 10

1. *Choose the correct alternative from the following*

(i) Sewage water causespollution

- | | |
|---------|------------|
| a. Air | b. Water |
| c. Soil | d. Nuclear |

(ii) Nuclear power is environmentally safer than

- | | |
|-----------------|-----------------|
| a. Fossil Fuels | b. Oil |
| c. Natural Gas | d. All of these |

(iii) is considered as the Greenhouse gas

- | | |
|--------------------|------------------|
| a. Nitrogen | b. Ammonia |
| c. Carbon-di-oxide | d. None of these |

(iv) Which source of energy is used widespread?

- | | |
|-----------------------------|----------------------|
| a. Hydro and biomass energy | b. Tidal energy |
| c. Wave energy | d. Geothermal energy |

(v) Which one of these is a non-renewable energy?

- | | |
|----------|---------------|
| a. Hydel | b. Geothermal |
| c. Solar | d. Crude Oil |

- (vi) Environment Protection Act in India was constituted in-
- | | |
|---------|---------|
| a. 1947 | b. 1986 |
| c. 2002 | d. 1997 |
- (vii) The damage of ozone layer in atmosphere causes more entry of rays
- | | |
|---------------|------------------|
| a. Infra-red | b. Ultra violet |
| c. Light rays | d. None of these |
- (viii) Which source of energy is the cheapest way of making electricity?
- | | |
|------------------------|-----------------|
| a. Hydroelectric power | b. Solar energy |
| c. Nuclear energy | d. All of these |
- (ix) Green plants use water, sunlight & carbondioxide to form
- | | |
|------------|--------------|
| a. Glucose | b. Fructose |
| c. Enzyme | d. Nutrients |
- (x) The mechanism used to check solid particles from the smoke given out by chimney is known as
- | | |
|---------------|------------------|
| a. Respirator | b. Precipitator |
| c. Condenser | d. None of these |

Group – B

(Short Answer Type Questions)

3 x 5 = 15

Answer any *three* from the following

- | | |
|--|-----|
| 2. Endangered species are to be protected for our future- Discuss | [5] |
| 3. Sustainable development is the call of the day- Critically discuss. | [5] |
| 4. a) Define and compare the terms species, population, and ecosystem | [3] |
| b) What do you mean by sustainable development? | [2] |
| 5. Briefly explain about the need of alternative sources of energy. | [5] |
| 6. a) What do you mean by soil pollution? | [2] |
| b) Give three causes of soil pollution. | [3] |

Group – C

(Long Answer Type Questions)

3 x 15 = 45

Answer any *three* from the following

7. (a) Describe the cause, effect and preventive measure of air pollution. [9]
(b) The disastrous global climatic change is the result of our misdeed- Justify the statement [6]
8. (a) What do you mean by Environmental Impact Assessment (EIA)? [3]
(b) Elaborate the utility of EIA. [12]
9. (a) Explain how can ecosystem be restored? [10]
(b) Why is it important for renewable energy sources to replace fossil fuels? [5]
10. (a) Identify and describe three examples of agricultural practices that can reduce soil erosion and siltation. [9]
(b) What are the causes of water pollution [6]
11. (a) What is carbon credit? [2]
(b) Why the system of carbon credit has been introduced? [4]
(c) Developed countries development is at the cost of degradation of developing countries- Give a critical view. [9]