

- Q.24 a) Write effects of deforestation.  
b) Write consequences of global warming
- Q.25 a) List safety measures of disaster.  
b) Write objectives of sustainable development

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**1st Year / Automation and Robotics**  
**Subject : Environmental Studies and Disaster Management**

Time : 3 Hrs.

M.M. : 60

**SECTION-A**

**Note:** Multiple choice questions. All questions are compulsory (6x1=6)

- Q.1 The term Ecology is coined by  
a) Tansley                      b) Haeckel  
c) Rutherford                d) Pascal
- Q.2 Full form of BOD is  
a) Biological Oxygen Demand  
b) Biological Ozone Depletion  
c) Basic Oxygen Demand  
d) Biological Oxygen Depletion
- Q.3 Which of the following is not a natural disaster?  
a) Flood                      b) Tsunami  
c) Volcano eruption    d) None
- Q.4 The process of converting waste materials into new materials is called

- a) Remaking                      b) Recycling
- c) Reprocessing                d) None

Q.5 Which of the following is not a Green-House gas?

- a) Carbon Dioxide    b) Ozone
- c) Sulphur Dioxide    d) Nitrous oxide

Q.6 Which of the following is / are a waterborne disease?

- a) Cholera                      b) Diarrhoea
- c) Typhoid                      d) All

### SECTION-B

**Note:** Objective/ Completion type questions. All questions are compulsory. (6x1=6)

Q.7 Define eco-friendly material.

Q.8 Lesser oxidizable matter means \_\_\_\_\_ (more/less) BOD.

Q.9 Write 2 examples of abiotic component.

Q.10 Write 2 sources of water pollution.

Q.11 Write 2 examples of E-waste.

Q.12 Write 2 examples of non-biodegradable waste.

### SECTION-C

**Note:** Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)

Q.13 Write benefits of green building.

Q.14 Write 4 conventional and non-conventional sources of energy.

Q.15 Write objectives of rain water harvesting.

Q.16 Write types of natural and man-made disaster.

Q.17 List methods of solid waste disposal.

Q.18 Write effects of increased carbon footprint.

Q.19 Write biotic component of ecosystem.

Q.20 List natural sources of pollution.

Q.21 List different agents responsible for ozone layer depletion.

Q.22 Write effects of disaster.

### SECTION-D

**Note:** Long answer type questions. Attempt any two questions out of three questions. (2x8=16)

Q.23 a) List advantages of landfill.

b) Write sources of noise pollution.