

- 1 Explain the progress of ecological succession in newly formed volcanic island.

## 15. BIODIVERSITY, CONSERVATION AND ENVIRONMENTLA ISSUES

### MULTIPLE CHOICE QUESTIONS (1 MARK EACH)

- 1 Dodo bird, stellar sea cow and passenger pigeon are few examples of extinction due to \_\_\_\_\_.  
A habitat loss  
B hunting  
C Alien species invasion  
**D overexploitation.**
- 2 Select the odd example with respect to types of conservation strategies.  
A Pawra tribals in Satpuda have protected varieties of corn with different coloured kernels.  
B Kanha forest as tiger reserve.  
**C Crocodile bank of Chennai**  
D Sacred groves
- 3 India boasts a handsome share of \_\_\_\_ % of total biodiversity wealth of the earth.  
A 2.4  
**B 8.1**  
C 14  
D 22
- 4 Measurement rate of O<sub>2</sub> consumption in unit volume of water is  
A. biogas generation  
**B. Biological oxygen demand**  
C. Biosynthesis pathway  
D. Fermentation
- 5 In a coal fired power plant, electrostatic precipitator is used to control emission of  
A. Oxides of nitrogen  
**B. SPM**  
C. CO  
D. oxides of sulphur
- 6 E. coli is used as an indicator to determine pollution of water with  
A. heavy metals  
**B. faecal matter**  
C. industrial effluents  
D. Pollen of aquatic plants
7. Which of the following is not the component of greenhouse gases?  
A. methane  
B. carbon dioxide  
C. CFC  
**D. ozone**

### VERY SHORT ANSWER TYPE QUESTIONS(1 MARK EACH)

- 1 What is 'Hello Forest'?
- 2 Name the Japanese method of plantation adapted by our government.
- 3 A medicinal plant *Rauwolfia vomitoria* shows variations in concentration of reserpine from location to location. What type of level of biodiversity is this?
- 5 What is CPCB?
- 6 What is the use of catalytic converter?
- 7 What is thermal pollution?
- 8 What does high level of BOD of water indicate?
- 9 Name the gas emitted by the fire extinguisher?
- 10 Which radiations are responsible for snow blindness?
- 11 Which treaty was signed in Canada about effects of ozone?

### SHORT ANSWER TYPE QUESTIONS(SA-I) (2 MARKS)

- 1 Write full form of \_\_\_\_  
i) IUCN ii) NBA
- 2 Give any four factors that favour high speciation at lower altitudes.
- 3 With the help of any one example explain Alien species invasion as one of the causes of Biodiversity losses.
- 4 Mention various effects of air pollution.
- 5 Explain working of electrostatic precipitator.
- 6 Write a note on noise pollution.
- 7 Write a note on global warming.
- 8 Explain any two methods to reduce sewage water.
- 9 Draw a flow chart showing eutrophication.

### SHORT ANSWER TYPE QUESTIONS(SA-II) (3 MARKS)

- 1 Enlist any six categories into which a given species is placed once it has been thoroughly evaluated by IUCN.
- 2 The reasons for conservation of biodiversity can be classified into three categories. Name them and describe each in brief.
- 3 Write an account of global warming.

### LONG ANSWER TYPE QUESTIONS(LA) (4 MARKS)

- 1 Describe any four measures to achieve Mission Harit Maharashtra

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