



**DELHI PUBLIC SCHOOL NEWTOWN**  
**SESSION 2022-2023**  
**MONDAY TEST**

**CLASS: IX**  
**SUBJECT: ENVIRONMENTAL SCIENCE**

**FULL MARKS: 20**  
**DATE: 18.08.2022**

**General Instructions:**

- The paper consists of *two* pages.
- Answers should be to the point.
- Copy the question number carefully before answering the questions.

**SECTION A ( 10 MARKS)**

**QUESTION 1**

Answer the following questions by choosing the correct option:

- i. The following is the correct grazing food chain [1]
  - a) Grass→ Grasshopper→Frog→ Hawk→ Snake
  - b) Grass→ Frog→ Grasshopper-→Snake→ Hawk
  - c) Grass-> Grasshopper-→ Frog-→ Snake→ Hawk
- ii. Autotrophic components are [1]
  - a) Decomposers
  - b) Producers
  - c) Consumers
- iii. Sustainable development will not aim at: [1]
  - a) Social economic development which optimise the economic and societal benefits available in the present, without spoiling the likely potential for similar benefits in the future
  - b) Reasonable and equitable distributed level of economic well being that can be perpetuated continually
  - c) Development that meets the need of the present without compromising the ability of future generation to meet their own needs
  - d) Maximising the present day benefits through increased resource consumption
- iv. Greenhouse effect is enhanced in the environment by the gas [1]
  - a) Carbon dioxide
  - b) Carbon monoxide
  - c) Fluorocarbons
  - d) Nitrogen dioxide

**QUESTION 2**

- i. Differentiate between population and community. [2]
- ii. Overconsumption results in massive environmental problems. Justify giving two

- reasons. [2]
- iii. Define [2]
- a) Law of Limiting factor and
  - b) Synergism

### **SECTION B ( 10 MARKS)**

#### **QUESTION 3**

Explain Parasitism and Commensalism citing examples. [5]

#### **QUESTION 4**

Why do you think that a sustainable society is healthy environmentally, economically and socially? [5]