



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]