

Model Question Paper
Conservation of Environment (B) - Part I

10th Standard

Science

Reg.No. :

--	--	--	--	--	--

- I. Answer all the questions.
- II. Use Blue pen only.
- III. Question No 14 is compulsory.

Time : 01:00:00 Hrs

Total Marks : 35

6 x 1 = 6

Section-A

- 1) Which of the following groups contain only bio-degradable items?
(a) Grass, flowers and leaves (b) Grass, wood and plastic (c) Fruit peels, cake and plastic (d) Cake, wood and glass
- 2) Which of the following constitutes a food chain?
(a) Grass, wheat and mango (b) Grass, goat and human (c) Goat, cow and elephant (d) Grass, fish and goat
- 3) Which of the following are environmental friendly practices?
(a) Carrying cloth bags for shopping (b) Switching off light and fans when not in use (c) Using public transport (d) All the above
- 4) What is called as 'black gold'?
(a) hydrocarbons (b) coal (c) petroleum (d) ether
- 5) Example for product of green chemistry is _____.
(a) plastic (b) paper (c) bio plastics (d) halogen flame retardants
- 6) _____ is a green house gas which causes climate change and global warming.
(a) hydrogen (b) oxygen (c) nitrogen (d) carbondioxide

Section-B

5 x 2 = 10

- 7) Classify the following into producers, consumers, decomposers. i) butterfly ii). grass hopper iii) calottes iv) snakes v). shoe flower vi) nitrobacteria
- 8) Living organisms adapt themselves according to their habitat. Match the following:-

a.fish	wings
b.camel	hard skin
c.frog	fins
d.birds	hind limbs with web

- 9) Bacteria and fungi are responsible for the decay of dead plants and animals. Decaying matter is recycled to grow plants. What do we call this?
- 10) Fill in the blanks with suitable answers from those given in the brackets. (harmful, heavy metals, carbon dioxide, sulphur particles) Generation of waste products which contain Mercury, Uranium, Thorium, Arsenic, and other _____ are _____ to human health and environment. _____ present in the coal will cause acid rain and the release of _____, a green house gas, causes climate change and global warming.
- 11) 6. Depict a food chain by placing the following organisms in the correct trophic levels: (snake, grass, eagle, frog, grasshopper)

4 x 5 = 20

Section-C

- 12) Classify the following substances – wood, paper, plastic and grass. ii) Give a detailed account of your classification.
- 13) In your locality people are affected due to water scarcity. What measures will you take to deal with the problem of water scarcity?
- 14) a) We are surrounded by smoke. Is this situation good for our health. Give reason.

(OR)

- b) List out the harmful effects of burning coal.
