

SUMMERFIELDS SCHOOL

ASSIGNMENT-1 (JAN)

CLASS; IX; BIOLOGY

CHAPTER- NATURAL RESOURCES.

A VERY SHORT ANSWER TYPE QUESTIONS(1MARK)

- 1 What is smog?
- 2 Name the gases which cause green house effect?
- 3 Name any two gases produced by combustion of fossil fuels.
- 4 Name a compound responsible for the depletion of ozone layer in the atmosphere.
- 5 Which radiations are absorbed by ozone layer?

B SHORT ANSWER TYPE QUESTIONS(2-3MARKS)

- 1 What will happen if CO₂ content in the atmosphere increases?
- 2 What are biotic and abiotic factors of environment? Which out of these is not a part of biotic community:-algae, water, fish, bacteria?
- 3 What will happen if ozone layer in atmosphere disappears?
- 4 What is the contribution of photosynthesis in carbon cycle?
- 5 What are the three ways by which carbon dioxide is returned to the atmosphere?
Draw neat diagram for carbon cycle in nature.
- 6 Explain the need of water for proper functioning of body in human beings?
- 7 In coastal area , wind current moves from the sea towards the land during the day ; but during night it moves from land to sea. Discuss the reason.
- 8 Why lichens are not spotted in Delhi region, they are found in hilly areas?
- 9 Justify 'dust is a pollutant'.

C LONG ANSWER TYPE QUESTIONS(5 MARKS)

- 1 What are two forms of oxygen found in atmosphere? What is their importance?
- 2 a) Name two biologically important compounds that contain both nitrogen and oxygen.
b) Explain the terms: - nitrogen fixation, nitrification, ammonification, and denitrification.
- 3 Define biogeochemical cycles in nature. Draw a diagram for nitrogen cycle in nature.