Ecosystem: It is a system formed by the interaction of all living organisms with each other and with the physical and chemical factors of the environment in which they live, all linked by transfer of energy and material.

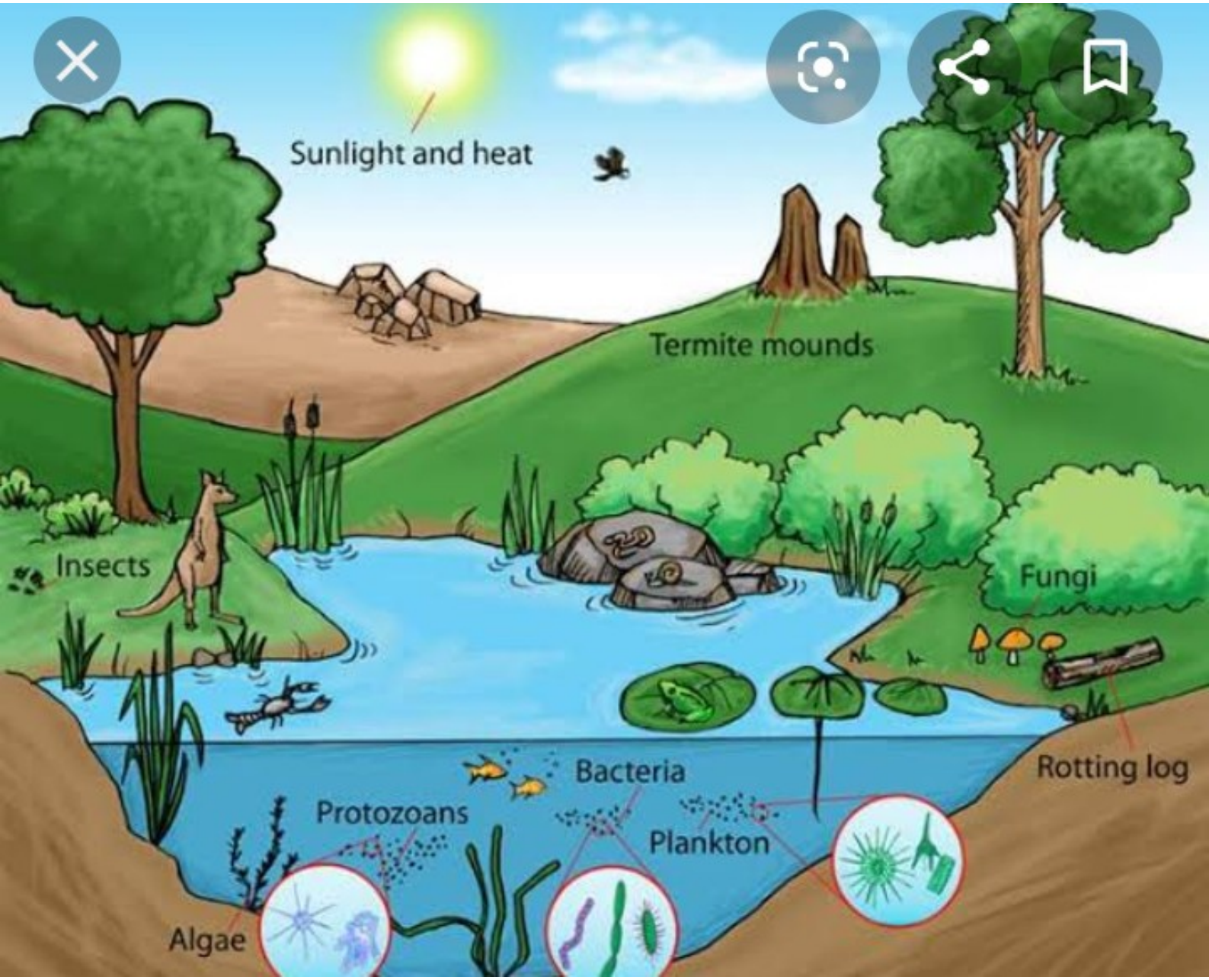
Sunlight and heat
Termite mounds
Insects
Fungi
Rotting log
Bacteria
Protozoans
Plankton
Algae

Fig. 1.3: A Pond Ecosystem

Human Environment

Human beings interact with the environment and modify it according to their need. Early humans adapted themselves to the natural surroundings. They led a simple life and fulfilled their requirements from the nature around them. With time needs grew and became more varied. Humans learn new ways to use and change environment. They learn to grow crops, domesticate animals and lead a settled life. The wheel was invented, surplus food was produced, barter system emerged, trade started and commerce developed. Industrial revolution enabled large scale production. Transportation became faster. Information revolution made communication easier and speedy across the world.

Have you ever thought why you love eating a juicy watermelon in summer and hot roasted peanuts in winter? A perfect balance is necessary between the natural and human environment. Humans must learn to live and use their environment in a harmonious way.

22.4.2020

Class : VIII
Subject : SST (Geo.)

* On 5 June every year 'world Environment Day' is celebrated.

Importance of Ecosystem → (i) It provides habitat to wild plants and animals.

(ii) It supports different food chains and food webs.

(iii) It regulates process and support lives.

(iv) Involved in the recycling of nutrients between Biotic and abiotic components.

Read all this carefully and write Answers:

(i) what is an ecosystem?

(ii) Give for examples of human made environment?

(iii) Write the importance of ecosystem?

(iv) When 'the' world Environment Day' is celebrated ?