



ST. MARY'S CO-ED SCHOOL, HARDA

CLASS- VI (2020-2021)

SUBJECT- SCIENCE

CHAPTER- 3

THE LIVING WORLD

CHAPTER AT A GLIMPSE

- 1) **CELL** – The structural and functional unit of life is called cell.
- 2) **UNICELLULAR** – Organism made of a single cell is known as unicellular Organism.
- 3) **MULTICELLULAR** – Organism made of more than one cell is known as multicellular Organism.
- 4) **HABITAT** – A living and dwelling place of animals in specific surrounding is known as Habitat.
- 5) **STIMULI** – The changes in the surrounding to which organisms respond.
- 6) **METAMORPHOSIS** – The process of transformation of an organism from egg to the adult stage with each stage being distinctly different from each another is known as Metamorphosis.
- 7) Every living organism is made up of cells.
- 8) There are two types of organisms : unicellular and multicellular.
- 9) Living things grow, respire, excrete, they have specific life span and they reproduce.
- 10) A living and dwelling place of animals in specific surroundings is known as Habitat.
- 11) The types of habitats are, terrestrial, aquatic, areal or aboreal, some lead the life of parasitism.

A. Fill in the blanks:

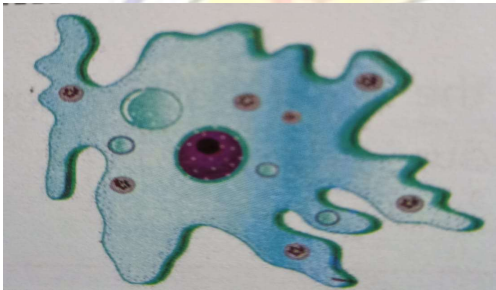
1. Living things are made up of tiny compartments known as Cell.
2. Organisms made up of one cell are known as Unicellular organisms.
3. The non-living physical surrounding such as temperature, heat ,climate etc of a habitat form the Abiotic components.
4. Life span of sequoia tree is about 3000 to 4000 years and a parrot is of 140 years.
5. Blood sucking animals are known as parasites.

B. state True or False.

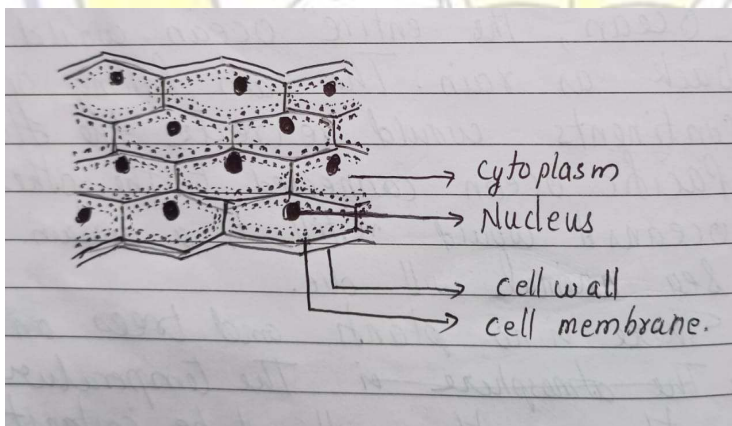
1. Group of cells together makes an organ system. F
2. Every living organism respire with the help of oxygen. T
3. Amoeba and yeast are multi- cellular organisms. F
4. Frog eggs hatch to give adult frogs. F
5. Plants and animals make up the biotic components of habitat. T

C. Draw the following:

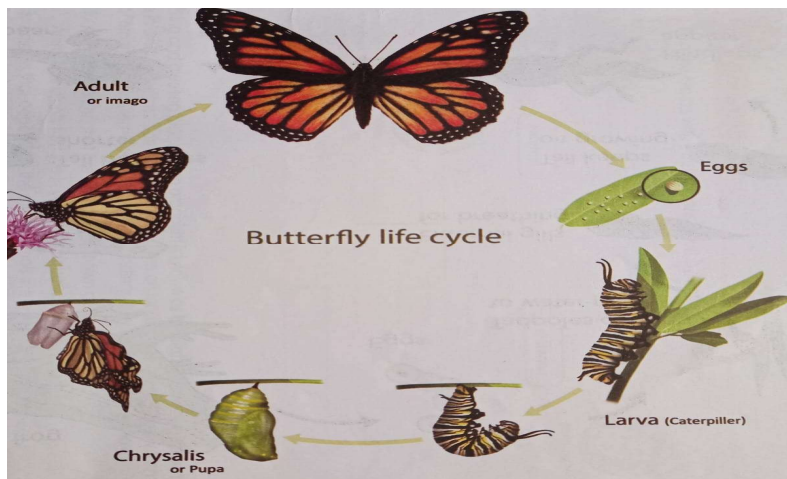
1. Amoeba



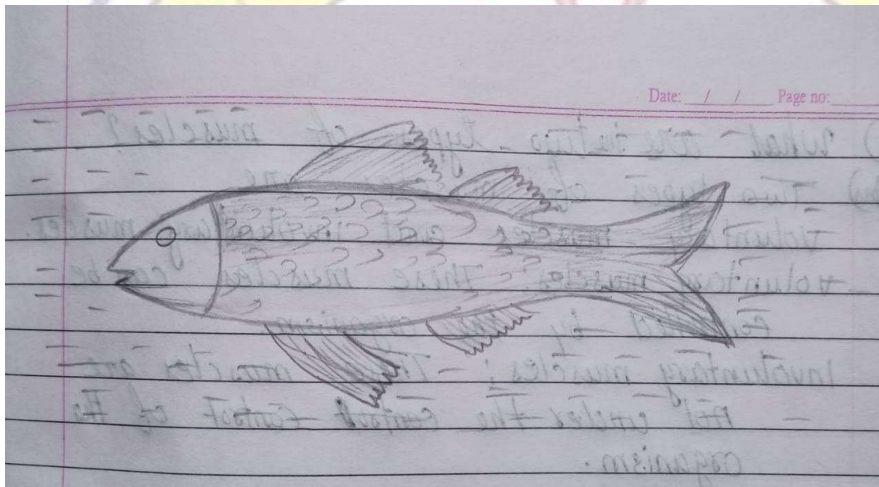
2. Onion cells



3. Life cycle of butterfly



4. A fish in its habitat



D. Answer the following

1. What do you mean by respiration?

Ans. Respiration is a process in which food is burned with the help of oxygen and in this process energy is given out.

2. Name the excretory products of man?

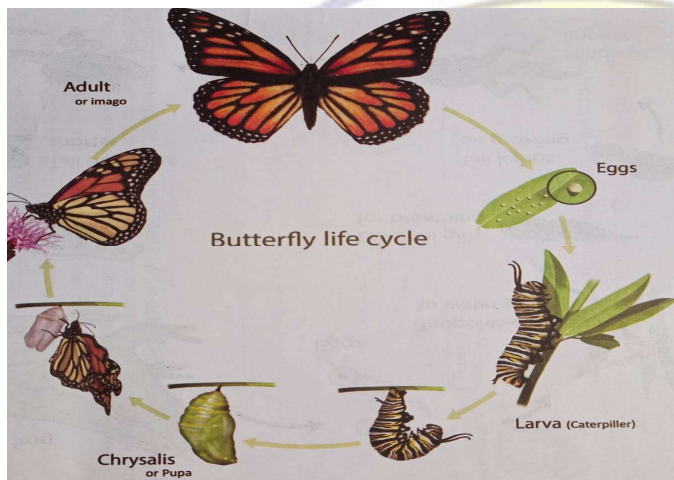
Ans. Human being excrete waste in the form of faeces (solid waste) urine and sweat.

3. Name two excretory products of plant?

Ans. Excretory products of plants are in the form of white milky substance resins and gum.

4. Define metamorphosis and draw the life cycle of butterfly.

Ans. The process of transformation of an organism from egg to the adult stage with each stage being distinctly different from one another.



5. How do plants reproduce?

Ans. Most of the plants reproduce by seeds and some of them reproduce by stem, spores etc.

E. Distinguish between

1. Unicellular and Multicellular Organism.

Ans. Unicellular Organism - Some living Organisms are made up of only one cell. They are known as Unicellular Organisms. Example: amoeba , yeast etc.

Multicellular Organisms - Some living Organisms are made up of more than one cell are called Multicellular Organisms. Example: cats, dogs etc.

2. Aquatic and Terrestrial.

Aquatic or plants that live in water are Aquatic Organisms. Example : fish , lotus etc.

Animals or plants that live on land are known as Terrestrial. Example : Lion, Neem tree etc.

3. Living and Non- living.

Living things grow, respire , excrete. They have a specific life span and they reproduce.

Non- living things do not eat, grow , breathe and reproduce. They do not have senses.

F. What happens if ?

1. If there is no reproduction in living ?

Ans. If Organisms stop reproduction their species will become extinct one day. There would be no more living Organisms left , to inhabit the world after the present generation.

2. If there is no oxygen for respiration?

Ans. Most Organisms cannot survive without oxygen for time periods exceeding a few minutes. If respiration takes place in the absence of oxygen, very less amount of energy will be released.

3. If the water dries up in Pacific Ocean ?

Ans. If the water dries up in Pacific Ocean, aquatic animals will die ,the entire ocean water would fall back as rain. The falling rain would create flood. Pacific ocean connected to other oceans would refill to a certain degree.

4. If there is no Carbon Dioxide on the Earth?

Ans. If there is no Carbon Dioxide on the Earth , no plants and tress would exist. The temperature of the earth will not be constant. There will be no photosynthesis which means no plants and no animals. The world will end as nothing will survive.