

LEVEL-4 SCIENCE

REVISION WORKSHEET -2-(Solved)

UNIT -6

LIFE CYCLE

I.FILL IN THE BLANKS

- 1.In an average lifetime the human heart can beat over 2500 million times.
- 2.All plants and animals have a lifecycle.
- 3.Inside every seed there is a tiny plant called embryo surrounded by a tough seed coat.
- 4.Every part of our body is made up of tiny building blocks called cells.
- 5.The egg cells of plants and animals are stored in ovary.
- 6.Flowers that are insect pollinated often have bright colours to attract insects.
- 7.The fruit protects the seeds and helps to disperse them.

II.TRUE OR FALSE.

1. As people get older they become weaker and less healthy. -true

2. Some seeds can stay in resting state up to hundreds of years;- true
3. The teeth joints and other body parts become healthy as we grow old. - false
4. The pollen of wind pollinated flowers are very heavy.;- false
5. A newborn can drink and eat all kind of food.- false
6. Root always grow upwards;- false

III.MATCH THE FOLLOWING

<u>A</u>	<u>B</u>	<u>Ans</u>
1. Dandelion and thistle	Bees and butterflies	2
2. The pollen of plants can be carried by	Dispersed by water	4
3. Seeds of water lilies and alder	Have hairy parachutes seeds	1
4. Coconut	Have smaller spongy covering	3

IV.NAME THE FOLLOWING

1. Plants with separate male and female flowers on same plant ; -

Sweet chestnut, hazel and birch tree

2. Arrangement of flowers with the oldest flower at the bottom; -

Spike

3. An example of flower arranged in spike; -

Foxglove

4. Tiny flowers arranged on the end of a stem to form a single flower; -

Florets

5. Sugar rich liquid produced by plants to attract insects; -

Nectar

V. GIVE REASON

1. Many species are becoming endangered .write any 2 points.

Hunting for food and trade

Forest fire

Clearing forest and draining marshes

VI. QUESTION AND ANSWER

1. What do you mean by endangered species?

The plants or animals which are in danger of dying out complete are called endangered species.

Examples; - Rhinosaurs and Elephants

2. What is germination?

When the seed settles in the soil it takes up water, swells up and breaks open and the new plant grow out. This process is called germination

3. As people get older, they become weaker and less health. Why?

During old age, their teeth, joints and other body parts wear out, their skin starts to sag and they catch illnesses and diseases more easily than a younger person. That's why as people get older, they become weaker and less healthy.

4. What are the factors responsible for the seed dispersal?

Factors responsible for the seed dispersal are,

Animals

Insects and birds

Humans

Water

Explosive seeds etc.

5. What are the different stages of human life cycle?

There are five different stages in human life cycle.

- 1. Infancy**
- 2. Childhood**
- 3. Adolescence**
- 4. Adulthood**
- 5. Old Age**

6. What are cotyledons? What is its function?

Cotyledons are fleshy leaf like structures present in a seed that contain reserve food material for the developing embryo or seedling. In some plants the cotyledon open and turn green and they make food for seedling using sunlight, water, mineral salt and carbon dioxide until the green leaves are formed.

