Biology (New Book) - 10th Class Biology English Medium Chapter 14 Preparation

Q1. Difference between cerebellum and cerebrum?

Ans 1: **Cerebellum**:The part of the hind brain and contrails muscles movement.

Ans 2: **Cerebrum**: The largest port of the forebrain controls many sensory and motor function.

Q2. What is Hypothalamus?

Ans 1: The part of the forebrain below the thalamus control body temperature blood pressure and emotion.

Q3. What is sexual reproduction?

Ans 1: Sexual reproduction involves the production and fission of gametes special structures produce sperms and egg cells and there are various method in plants for bringing the sperm and egg nuclei together.

Q4. What is epigeal germination? Give examples.

Ans 1: In epigeal germination, the hypocotyls elongates and form hook, pulling the cotyledon above ground Beans, cotton and papaya are examples of plants that germinate this way.

Q5. What are bulbs? Give example.

Ans 1: Bulbs are short underground stems surrounded by thick, fleshy leaves that contain stored food Roots emerge under the base of bulb which stores food Roots emerge under the base of bulb while shoots emerge from the top of the base.Tulips, onion and lilies reproduce by bulbs

---

Q6. What is Ear drum?

Ans 1: Tympanic membrane A membrane streched across the inner end of the auditory canal of the ear.

Q7. What is flower? What are its whorls?

Ans 1: Flower is the reproductive structure in sporophyte generations the outermost two whorls in a flower are the non reproductive whorls while the inner two whorls are the reproductive whorls.

Q8. Define parthenocarpy? Give examples.

Ans 1: In some plants, ovaries develop into fruits without the fertilization inside their ovules.this process is known as parthenocarpy and it results in seedless fruits e.g. bananas and seedless varieties of grapes.

Q9. What is cloning?

Ans 1: Cloning is the latest method of vegetative propagation. In this method, identical off spring are produced from a single parent using the parent tissue of vegetative cells.

Q10. What is gynoecium?

Ans 1: Fourth whorl of flower is gynoecium which is the female reproductive part of flower its units are called carpals .
