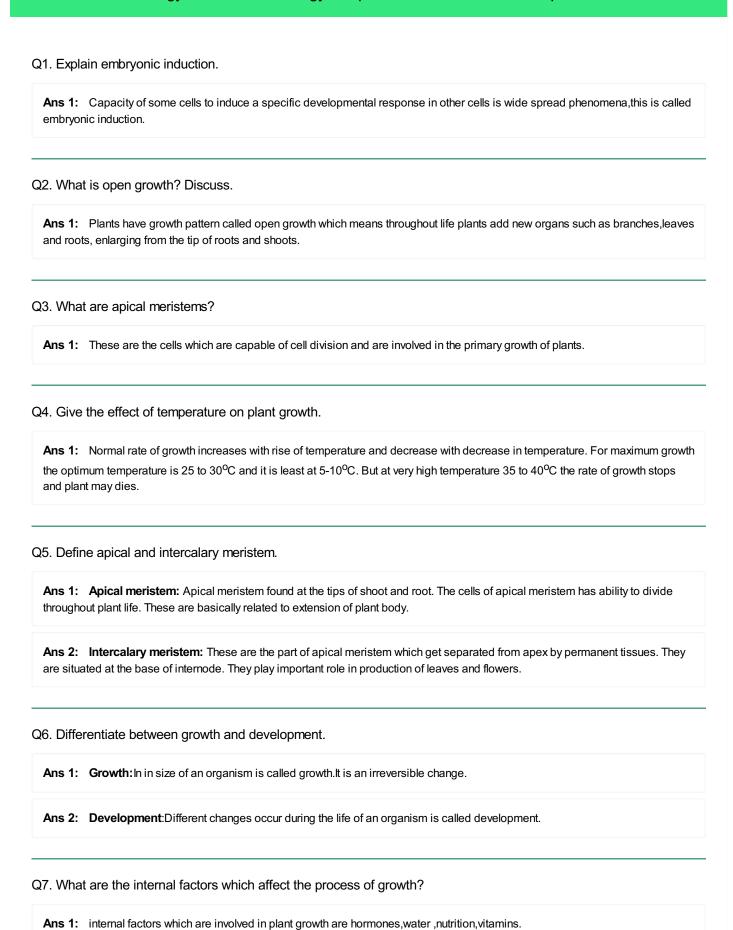


Biology - 12th Class Biology Chapter 19 Short Questions Preparation



Q8. How are opaca differs from area pellucida?

Ans 1: Area pellucida: Central cells of blastoderm can be separated from yolk and giving the area of translucent appearance called Area pellucida.

Area opaca: The peripheral part of balstderm where the cells are unseparated from the yolk is called area opaca.

Q9. Differentiate between epiblast and hypoblast.

Ans 1: Epiblast: During gastrulation blastoderm splits into two layers, an upper layers of cells is called epiblast. **Hypoblast**: Lower layer of cells is called hypoblast.

Q10. How do quantity and quality of light effect plant growth?

Ans 1: Light plays important role in the growth of plants:

Quality of light: The red light favors elongation of cells and blue light enhances cell division but retards cell enlargement. Similarly ultraviolet rays also retard cell elongation.

Quantity of light: Duration of light affects the growth vegetative & reproductive structures. It also plays a role in inducing or suppressing flowering. The phenomenon is termed as photoperiodism.