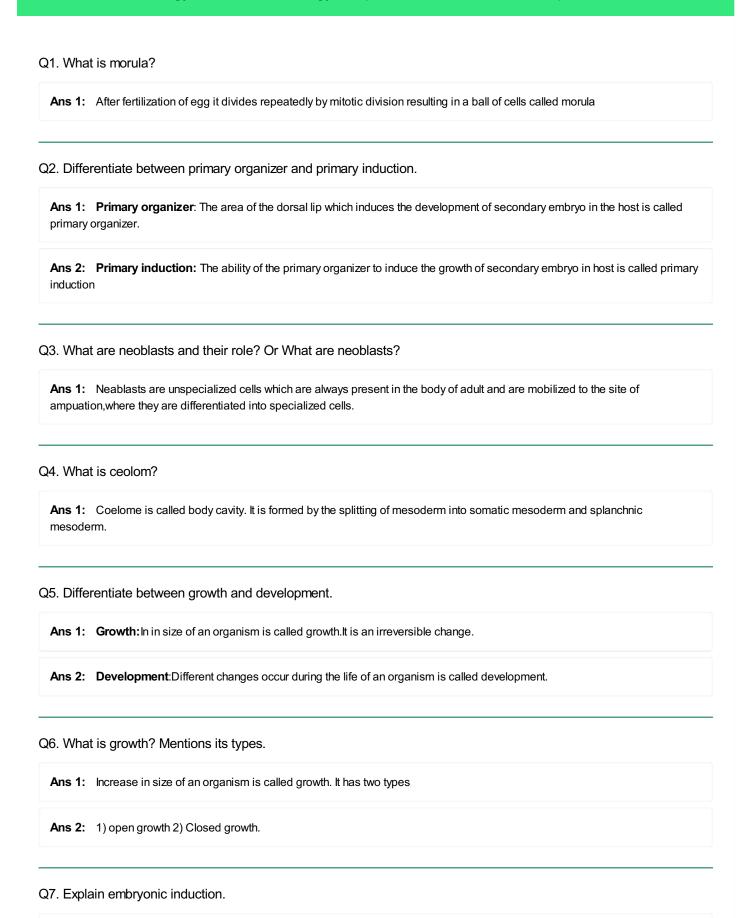


Biology - 12th Class Biology Chapter 19 Short Questions Preparation



Ans 1: Capacity of some cells to induce a specific developmental response in other cells is wide spread phenomena, this is called

embryonic induction.			

Q8. Give role of temperature in plant growth.

Ans 1: Temperature influences the growth within a certain range (0-35°C). Normally rate of growth increase with rise of temperature and decrease with decrease in temperature. For maximum growth the optimum temperature is 25-35°C and it is least at 5-10°C. But at very high temperature 35 to 40°C the rate of growth stops and plant may dies.

Q9. Differentiate between gerontology and teratology.

Ans 1: Gerontology: Study of aging is called gerontology.

Ans 2: Teratology: Teratology is the branch of biology, which deals with abnormal developments and their causes.

Q10. Differentiate between growth and embryonic development.

Ans 1: Growth: Growth is the permanent and irreversible increase in size that occurs as an organism matures.

Ans 2: Embryonic development: The progressive changes which are undergone before an organism acquires in adult from constitute embryonic development.