

Reproductive Biology Interview Questions and Answers Pdf

Question: 1

What are stem cells?

Stem cells are undifferentiated cells (i.e) they have not been converted into any particular tissues.

They have the potentiality to form any tissue of the body such as bone, blood and brain cells.

Question: 2

What are the types of fertilization?

There are two types of fertilization

External fertilization: It occurs in the aquatic (water) medium outside the bodies of parents (eg.) Frog.

Internal fertilization: When the fertilization takes place inside the body of the female, it is called internal fertilization. It requires accessory copulatory organs(eg.) Human.

Question: 3

What is fertilization?

Fertilization is the fusion of male gamete with female gamete.

Question: 4

What is germination?

Germination is the resumption of growth of embryo into a young plant.

In the germination of bean seed the cotyledons are lifted above the soil.

Hence it is called epigeal germination.

Question: 5

What is meant by blastulation?

The repeated division of fertilized egg (zygote) into increasing number of cells with decrease in size is called cleavage.

As a result of cleavage blastomeres are formed.

These blastomeres get arranged in the form of a ball like blastula by blastulation.