

Online Mode

Unique paper code: 32231601
Name of the course: B.Sc. (H) Zoology, (CBCS)
Name of the paper: Developmental Biology
Semester: VI
Duration: 2 hours
Maximum Marks: 75

Instructions for candidates

Write your Roll no. on the top immediately on receipt of this question paper.

Answer any **FOUR** questions in all. All questions carry equal marks (18.75 marks each).

Draw well labelled diagrams wherever necessary.

1. Discuss spermatogenesis and spermiogenesis in detail with suitable diagram
2. Describe the development of extra embryonic membranes in chick with suitable diagram and write its significance in development
3. Explain three modes of regeneration in animals with suitable experimental evidences
4. Discuss the process of IVF and amniocentesis and add a note on its merits and demerits
5. What are morphogenetic movements and describe the movements involved in chick and frog.
6. Describe the major events occurring in the process of fertilization with well labelled diagram