

- 2nd Year

IMPORTANT QUESTIONS

3rd SEMESTER.

UNIT-I

Long Questions :-

1. RETROGRESSIVE METAMORPHOSIS in UROCHORDATA (HERDMANIA)
2. General Characters of CHORDATES.
3. General Characters of CYCLOSTOMES + Difference between PETROMYZON + MYXINE.
4. SCOLIODON - Heart - Structure & Working Medium
5. SCOLIODON - BRAIN.
6. Respiration in SCOLIODON.

Short Questions :-

7. General characters of Urochordata/Cephalochordata.
8. Scales in fishes.
9. Chondrichthyes/Dipnoi
10. Ampulla Lorenzini.
11. fins - Types in fishes.
12. Affinities of Cephalochordata.

UNIT-II

Long Questions :-

13. FROG - Respiratory System.
14. FROG - HEART/ Cardiac cycle.
15. FROG - BRAIN
16. PARENTAL CARE in AMPHIBIA.
17. BRAIN - in SAUROPSIDS.
18. TEMPORAL FOSSAE in REPTILES.
19. POISONOUS - SNAKES - CHARACTERS.
20. REPTILIAN/AMPHIBIAN - HEART COMPARISON.

Short Questions

21. Rhynchocephalia - general characters.
22. Neotony
23. Chelonians - characters
24. Crocodylia - characters
25. JACOBSON'S ORGAN.

UNIT-III

Long Questions:-

26. COMPARISON of PEGION/RABBIT- HEART.
27. DOUBLE CIRCULATION in PEGION.
28. DIGESTIVE SYSTEM PEGION.
29. DENTITION in MAMMALS.
30. AQUATIC ADAPTATIONS in MAMMALS.
31. BLOOD- ~~SI~~ COMPOSITION & FUNCTIONS (in Mammals).

Short Questions:-

32. Syrinx in Birds
33. Migration in Birds.
34. Ascheornithis
35. flight Adaptation in Birds.
36. PROTOTHERIA 37. META THERIA.
38. T.S of SPINAL CORD.
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UNIT-IV

Long Questions:-

39. Placenta in Mammals.
40. Development = FROG.
41. foetal Membranes, & importance
42. Cleavage - Types & EGGS Types.
43. SPERMATO GENESIS & OOGENESIS.

Short Questions

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| 44. Regenerations | 48. GASTRULATION. |
| 45. INVAGINATION. | 49. PLACENTA-TYPES. |
| 46. FOETAL MEMBRANES | 50. SPERMEO GENESIS |
| 47. FERTILIZATION. | |

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