



11th Std

ZOOLOGY

(3 Marks Questions)

1. Define Biosphere?
2. Why Aristotle called as father of Biological classification?
3. What are characteristic feature of biological taxonomy?
4. Define Taxonomy?
5. What are cytotaxonomy / chemotaxonomy / Paleotaxonomy.
6. Define ICZN (or) IULN.
7. What are the control measures of Malaria?
8. Write a note on TEM and SEM?
9. What is "Limit of resolution" in Microscope?
10. What is autolysis?
11. Write short notes on
 - a) Mitochondria
 - b) Ribosome;
 - c) Endoplasmic Reticulum
 - d) Golgi Apparatus
 - e) Lysosomes
 - f) Nucleus
12. Define
 - a) Chromosomes
 - b) Cisternae
 - c) Dictyosome
13. Write notes on Etiology?
14. What are the types of Teeth and its formula?
15. Define Pancreas (acini)
16. What is Adam's apple
17. What is carina.
18. List out the portal circulation
19. What is Thymus?
20. Define i) CNS ii) ANS iii) PNS
21. What is Cerebro Spinal Fluid.
22. What is role of B-lymphocytes?
23. What is Rathke's pouch?
24. What are podocytes?
25. What is the role of Tonsils?
26. Give an account of Isthmus.
27. What is multiple allele?
28. Describe the causes of erythroblastosis fetalis?



29. Define pleiotropy?
30. What is guano? and its economic importance.
31. Write notes on omega fatty acids.
32. Mention the use of vermicompost?
33. What is dating of fossils?
34. Define a) Plasma Membrane b) Centriole
35. Write notes on colour blindness.
36. Define vermiculture?
37. Define pleiotropism?
38. What is carboniferous period?
39. Define i) Corpus luteum ii) Graffian follicle
40. Define Clitoris role
41. Uses of Honey and Bee wax?
42. Describe nature of peripatus.
43. What are Types and uses of silkworm.
44. What was Archaeopteryx?
45. Give an nature of i) Seymouria ii) Hyracotherium iii) Ichthyostega
46. Define Nephrons role in Kidneys.
47. Explain i) Glucagon ii) Insulin iii) Somatostatin
48. What is Leydig cells.
49. Define Schizogony.
50. Define ookinete
51. Define Peroxisomes.

(8 Marks Questions)

1. Provide a brief account on the biodiversity in India?
2. Give an account of the basic principle of nomenclature?
3. Write notes on cell Theory.
4. Differentiate TEM and SEM?
5. Provide the structure of the golgi apparatus.
6. Why mitochondria called as power house of cell?
7. How the ribosome synthesis the proteins?
8. How the autolysis happened in Lysosomes?
9. How the biochemical reactions controlled by endoplasmic reticulum?
10. Provide the structure of nucleus.
11. Short note on Etiology and its Types.
12. Write short notes on chromosomes, Types and Numbers?
13. Provide the structure of human kidney.
14. Give an account of corpus luteum.
15. Write short notes on portal circulation.
16. Discuss how 'O' blood group is considered as universal donor?



17. What are sex anomalies in Human beings.
18. Give an account of Sericulture.
19. Give an account of Apiculture.
20. What is vermiculture and its process.
21. Differentiate plant cell and animal cell.
22. Write short note on centrioles?

(15 Marks Questions)

1. Write an essay on fossils and methods of fossilization.
2. Write an essay on structure and types of blood and blood circulation.
3. Give an account of structural organization of hypophysis.
4. Write an essay on the human male primary sex organs and associated structures.
5. Provide a detailed account on structure of a cell.
6. Write an essay on various methods of Taxonomy.
7. Define species and provide an account on various animal groups.
8. Give an account of ABO blood groups in human beings.
9. Write short note on female reproductive organs?
10. Give an account an Thyroid and Parathyroid glands?



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SHANKAR IAS ACADEMY