

Department of Zoology

Question Bank

Semester 1- Complementary Animal diversity 1

One mark question

1. Heteronomous segmentation
2. Metachronal rhythm
3. Bilateral symmetry
4. Scientific name of Pork tapeworm
5. Ecdysis
6. Madreporite
7. Tube feet
8. Pedicellaria
9. Pentamerous radial symmetry
10. Respiratory tree
11. What is pseudocoel ? Name a group in which it is present.
12. Name two molluscs one with external shell and the other with internal shell.
13. What is petasma ? Mention its function.
14. Name the light perceiving visual units of the compound eye of prawn.
15. What are the excretory organs of platyhelminthes ?
16. How will you identify a male cockroach ?
17. What is red tide ? Name the organism associated with it.
18. Why *Taenia solium* is considered as digenetic parasite
19. Which animal is known as 'apple snail'
20. What are Choanocytes ?
21. Parazoa.
22. Pseudocoelomata.
23. *Spongilla*.
24. *Trichinella*.
25. Heteronereis.
26. Statocyst.
27. *Tribolium*.
28. *Pseudoculi*

Two mark question

29. Explain three kingdom classification.
30. Write on nematocyst.
31. Comment on the larval forms of Aurelia.
32. Write on polyembryony.
33. What are the feeding adaptations of leech.
34. Comment on sexual dimorphism in Ascaris.
35. Write notes on Neomenia.
36. Petasma
37. Green glands
38. Evisceration
39. Water Vascular system
40. Aristotle's lantern
41. Write notes on two kingdom classification
42. Distinguish between schizocoela and enterocoela
43. Write notes on Branchial formula
44. Comment on sexual dimorphism in Ascaris.
45. Enumerate the parasitic adaptation of Hirudinaria
46. Comment on Sacculina
47. Write notes on Pearl oyster
48. Define metagenesis
49. What is a living fossil ? Give one example
50. What is meant by tissue grade of organization?
51. Explain bilateral symmetry with an example.
52. Comment on amoebocytes
53. Explain bioluminescent with example
54. What are Cnidocytes
55. Comment on Tomosvary organs

Four mark question

56. List out four parasitic adaptations of *Ascaris*.
57. Name the class and phylum to which the following animals belong *Aurelia* and *Bipalium*
58. What are Statocysts ? What is their function ?
59. Explain polymorphism with reference to *Physalia*
60. Distinguish between schizocoelous and enterocoelous coelom.
61. Describe the ecological importance of *Adamsia*.
62. Write on the evolutionary significance of *Peripatus*.
63. Distinguish between *Nereis* and *Heteronereis*.
64. Enumerate the economic importance of molluscs.
65. Explain parasitic castration with an example.
66. Comment on pests of stored food grains.
67. Describe the structure of ommatidium.
68. Describe the classification of animals based on coelom.
69. Write notes on polymorphism in cnidaria.
70. Write notes on vermiculture.
71. Give an account of any pests of coconut.
72. Discuss the significance of corals.
73. Describe the structure of eye of prawn.
74. Write notes on parasitic adaptations of nematodes.
75. Write notes on larval stages of Echinodermata.
76. Enumerate the general characters of Phylum Mollusca
77. Write notes on the affinities and evolutionary significance of *Peripatus*
78. Explain the reproductive system of prawn
79. Give an account of any two of the stored grain pests
80. Describe the structure of eye of prawn.
81. Parasitic adaptations of nematodes.
82. Write notes on polymorphism in Cnidaria.

Essay question (15 marks)

83. Write an essay on life history of *Entamoeba histolytica*.
84. Write on nematode parasites in humans.
85. Write an account on thoracic and abdominal appendages of prawn.
86. Write on the life history, damages and control measures of pests of paddy and coconut.
87. Classify phylum Mollusca with examples and salient features.
88. Give an account of human nematode parasites.
89. With the help of labelled diagrams, describe the appendages of prawn.
90. Give an account of various arthropodan pests.
91. With the help of labelled diagrams describe the appendages of Prawn
92. Classify phylum Echinoata with examples and salient features.
93. Write an essay on arthropodan pests
94. Give an account of economic importance of mollusks
95. Describe the classification of animals based on symmetry
96. Describe the life history of malarial parasite.
97. Enlist the general characters of phylum Echinodermata and classify it upto classes.
98. Describe the digestive system of cockroach
99. With the help of diagrams describe the cephalic and abdominal appendages of prawn.
100. With the help of diagrams describe the cephalic and abdominal appendages of prawn.