

Model Questions of Zoology Hons.
CC-I (Basic Concept of Taxonomy & Non Chordates I)

UCH

1. What is homonym ?
2. What is synonym ?
3. Define species.
4. Define biological and ecological species.
5. What are the different isolating mechanisms ?
6. What are the specific characters of Protozoa ?
7. What is blepharoplast ?
8. What is kinetoplast ?
9. State structure of cilia.
10. How many flagella are present in *Euglena* ?
11. What is pseudopodia ?
12. What is ecto and endo-plasm ?
13. What is sol-gel theory ?
14. Name the proteins involved in amoeboid motion.
15. What is holozoic nutrition ?
16. What is macro and micro nucleus ?
17. What are the functions of macro and micro-nucleus ?
18. What is cytophyge ?
19. What is caudal tuft ?
20. How osmotic pressure is maintained within paramecium ?
21. What is conjugation ?
22. What is the need of conjugation ?
23. What is malaria ?
24. How man gets plasmodium infection ?
25. Name different species of the causative organism of malaria.
26. What is schizont ?
27. What is signet ring ?
28. What is hemozoin ? State its function.
29. What is ookinete ?
30. Mention primary and secondary host of *Plasmodium* ?
31. Write the pathogenicity of malaria.
32. How malaria is treated ?
33. What is trophozoite stage of *Entamoeba* ?
34. What is precystic stage of *E. histolytica* ?
35. What is cystic stage of *E. histolytica* ?
36. What is tetranucleate cyst ?
37. What is chromatoid body ? State its function ?
38. What is amebiasis ?
39. State the pathogenicity of amoebiasis.
40. How human becomes infected with *Entamoeba* ?
41. What are the treatments of amebiasis or diarrhea ?
42. What is the primary host of *E. histolytica* ?
43. Name two non pathogenic species of *Entamoeba* ?
44. How man become infected with *E. histolytica* ?
45. What is the infective stage of *E. histolytica* ?
46. What is symmetry ?
47. State the types of symmetry with example.
48. Who are metazoans ?
49. What is metamerism ?
50. What is ostia and osculum ?
51. What is choanocyte ?
52. What kind of spicules found in poriferan body ?
53. What is canal system ? State its function.
54. State different types of canal system in Porifera.
55. State the functions of choanocytes.
56. What is Cnidoblast ? State its function.
57. What is sessile form ?
58. What is cytostome ?
59. What is medusa ?
60. What is planula larva ?
61. What is blastostyle ?
62. What is gastrozoid ?
63. What is gonozoid ?
64. What is the function of Cnidarian colony ?
65. What is radial canal ? State function.
66. What is manubrium ? State function.
67. What is statocyst ? State function.
68. What is metagenesis ? Significance ?
69. What is coral ?
70. What is corallite and corallum ?
71. Which classes of Cnidaria form coral ?
72. What is solitary coral ? Give example.
73. What is the composition of coral ?
74. Mention the conditions favorable to form coral.
75. What is the Optimum temperature for coral formation ?
76. What is coral reef ?
77. What is Fringing, barrier and Atoll reef ? Give examples.

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78. What are the theories of reef formation ?
79. What gives coral their color ?
80. What is coral bleaching ?
81. Name 2 species of coral endosymbiotic algae.
82. Mention significance of corals.
83. State specific characters of platyhelminthes ?
84. What is liver fluke ?
85. What is acetabulum ?
86. What is the primary and secondary hosts of *Fasciola hepatica* ?
87. Mention the parasitic adaptational features of *F. hepatica*.
88. State the pathogenicity of *Fasciola* infection.
89. What is the infective and diagnostic stage of *F. hepatica* ?
90. How human becomes infected with *Fasciola* ?
91. What is miracidium larva ?
92. What is sporocyst ?
93. What is Radiae and Cercariae ?
94. State the treatments of *F. hepatica* infection.
95. What is monogenic and digenic parasitism ?
96. What is hermaphroditism ?
97. What is monoecious and dioecious ?
98. What is pseudometamerism ?
99. Write the parasitic adaptations of *Taenia solium*.
100. State the primary and secondary hosts of *Taenia solium*.
101. State the pathogenicity of *Taenia* infection.
102. How human becomes infected with *Taenia* ?
103. What is proglottid ?
104. What is scolex ?
105. What is rostellum ?
106. How many suckers are present on scolex ?
107. From where new proglottids are being formed ?
108. What is gravid proglottid ?
109. What is strobila ?
110. What is Hexacanth form ?
111. What is cysticercus ?
112. What is measly pork ?
113. State the treatments of *Taenia* infection.
114. What are the specific characters of Nematodes ?
115. State the morphological features of *Ascaris lumbricoides*.
116. What is papilla ? State function.
117. What are the parasitic adaptations of *Ascaris* ?
118. How human becomes infected with *Ascaris* ?
119. State the primary and secondary hosts of *Ascaris lumbricoides*.
120. State the pathogenicity of *Ascaris* infection.
121. What are the treatment options for *Ascaris* infection.
122. What is gustatory receptor ? State function.
123. What is anal setae ? State function.
124. State morphological features of male, female *W. bancrofti*.
125. What are the primary and secondary hosts of *W. bancrofti* ?
126. State the life cycle of *W. bancrofti*.
127. State the residence of adult worms in human body.
128. Why nocturnal periodicity to peripheral blood vessels in *Wuchereria* is observed ?
129. What is microfilariae larva ?
130. State structure of microfilariae larva.
131. State the pathogenicity of *W. bancrofti* infection.
132. What is filariasis ?
133. What is elephantiasis ?
134. What is lymphadenopathy ?
135. What is hepatomegaly, splenomegaly ?
136. State the treatments of filariasis.