

Total No. of Questions – 10]
(2123)

[Total Pages : 2

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**M.Sc. (Zoology) CBS IIIrd Semester Examination
BIOLOGY OF PARASITES**

Paper–MZOO-305

Time : Three Hours]

[Max. Marks : 40

The candidates shall limit their answers precisely within the answer-book (40 pages) issued to them and no supplementary/continuation sheet will be issued.

Note : Attempt *five* (5) questions in all with its subparts at same place. Draw well labelled diagram wherever necessary.

1. Give detailed account of various types of parasites and their transmission. (8)
2. What is causing organism for malaria? Explain in detail its life history. (8)
3. Give an account of life-cycle and pathogenicity of *Fasciola* sp. in detail. (8)

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4. Discuss the following in detail :
- Parasitic adaptations in Helminths.
 - Hydatid disease. (5,3)
5. Comment upon *Wuchereria* sp. about its pathogenicity and discuss its life history in detail. (8)
6. Give detailed account of epidemiology and mode of transmission of Dengue fever. (8)
7. What are vaccines? Comment upon in detail about COVID-19 and its vaccines. (3+5=8)
8. Give an account of classification of protozoa based on reproduction. (8)
9. What is Typhus? Discuss in detail its causal organism, epidemiology, and mode of transmission. (8)
10. Discuss in detail the general characteristics, geographical distribution, pathogenicity, and prophylaxis of cestode parasites. (8)
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