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SUBJECT CODE NO: SS-6631
FACULTY OF SCIENCE AND TECHNOLOGY
M.Sc. (Zoology) (Sem-II)
Examination May / June - 2023
Protozoology II ZOO-207

[Time: 3:00 Hours]

[Max. Marks: 80]

Please check whether you have got the right question paper.

N. B.

- 1) Part 'A' is compulsory.
- 2) Attempt any five questions from part 'B'
- 3) Draw neat diagram whenever necessary.

Part-A

Q1 Attempt the following multiple choice questions.

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i) Mature gametocytes of Plasmodium are found in ----

- a) Blood of man b) Liver of man c) Stomach of female Mosquito d) RBC of man.

ii) Secondary host of Trypanosome is ----

- a) Housefly b) Culex c) Tsetse fly d) Sand fly

iii) Chloroquine is used for the treatment of ----

- a) Tetanus b) Cancer c) AIDS d) Malaria

iv) Triatoma infest and is the intermediate host in the life cycle of ----

- a) Trypanosome cruzi b) Leishmania tropica

c) Schistosoma haematobium d) Leishmania donovani

v) ----- is a non-pathogenic flagellate.

- a) Retortomonas b) Euglena c) Giardia d) None of these.

vi) Myxobolus cerebralis causes ----- disease.

- a) Ichthyosporidiosis b) Whirling disease c) Sleeping Sickness d) Pebrine

vii) Pebrine disease is caused by ----

- a) Nosema bombycis b) Myxobolus c) Eimeria d) Toxoplasma.

viii) Entamoeba gingivalis lives in ---

- a) Oral Cavity b) Intestine c) Water d) Liver.

ix)----- is / are Pathogenic species from kinetoplastids.

a) Leishmania major b) Trypanosome cruzi c) Trypanosome brucei d) All of these.

x)Trichomonas tenax is -----

a) Pathogenic b) Non-pathogenic c) Commensal d) None of these.

Part-B

- Q2 Explain innate and acquired defense mechanism in protozoan parasites. 12
- Q3 Give an account of disease caused by microspore in fishes and Arthropoda. 12
- Q4 Write an essay on general organization of Giardia. 12
- Q5 Describe in detail structure and life cycle of cephaline gregarine. 12
- Q6 Explain Parasitism in Ciliophora. 12
- Q7 Describe in details life cycle, pathogenicity and control measure of coccidiosis. 12
- Q8 Write notes on- (any two) 12
- A) Structure of spore-myxobolus.
- B) Ich.
- C) Metabolism in Parasitic Protozoa.