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SUBJECT CODE NO: - F-6238
FACULTY OF SCIENCE AND TECHNOLOGY
M.Sc. (Sem-II) (Zoology (Old))
Examination December/January-2022-23
Protozoology-II 432 Elective

[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 a neat labelled diagram whenever necessary.

PART - A

Q1 Attempt the following multiple choice questions.

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- 1) Balantidium coli pathogen causes _____
 - a) Balantidiasis
 - b) Malaria
 - c) Cancer
 - d) None of these
- 2) Lives independent of a host, but may occasionally be parasitic under certain conditions.
 - a) Erratic parasite
 - b) Obligate parasite
 - c) Facultative parasite
 - d) Accidental parasite
- 3) Entamoeba coli is a _____ species
 - a) Pathogenic
 - b) Non-pathogenic
 - c) Both a & b
 - d) None of these
- 4) Is called kissing amoeba _____
 - a) Plasmodium
 - b) E. histolytica
 - c) E. gingivalis
 - d) None of these
- 5) Necrotizing ulcerative periodontitis _____
 - a) Necator americanus
 - b) Ankylostoma duodenale
 - c) Trichinella spiralis
 - d) Trichomonas tenax
- 6) Chilomastix mesnili is commonly called _____
 - a) Cool worm
 - b) Common marmoset
 - c) Fever worm
 - d) None of these
- 7) Coccidia are found in _____
 - a) Plants
 - b) Flower
 - c) Dogs
 - d) None of these
- 8) An ectoparasite is a parasite that lives in _____
 - a) The body
 - b) Outer surface of the body
 - c) Both of these
 - d) None of these
- 9) Infection with Balantidium coli occurs more often in communities that live in proximity to?
 - a) Cows
 - b) Horses
 - c) Pigs
 - d) Sheep

- 10) Protozoans are bacteria _____
- a) True
 - b) False
 - c) Both of these
 - d) None of these

PART-B

Attempt any five questions

- Q2 Describe the factors affecting the distribution of protozoans. 12
- Q3 Write a note on antigens of zooparasites. 12
- Q4 Give an account of the life cycle of *Trichomonas tenax*. 12
- Q5 Describe the structure and life cycle of *Nosema*. 12
- Q6 Describe the life cycle of *E. gingivalis*. 12
- Q7 Describe the disease caused by *Myxospora* in fishes. 12
- Q8 Explain the control & treatment of *Coccidia* in poultry. 12