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SUBJECT CODE NO:- B-2031
FACULTY OF SCIENCE AND TECHNOLOGY
B.Sc. F.Y. (Sem-VI) Examination Oct/Nov 2019
Zoology Paper-I
Protozoa to Annelida

[Time: 1:30 Hours]

[Max. Marks: 50]

Please check whether you have got the right question paper.

N.B

- 1) Attempt all questions
- 2) Illustrate your answer with suitable labeled diagram.

Q.1 Describe in detail morphological structure of paramoecium 20

OR

Explain in detail sexual life cycle of plasmodium vivax.

Q.2 Give an account on digestive system of Leech. 20

OR

Write short notes on (any four)

- a) Leuconoid type of canal system
- b) General character of helminthes
- c) Scolex
- d) Structure of medusa
- e) Metacercaria larva
- f) Entamoeba histolytica

Q.3 Select and write correct answer from the given alternatives in each sub questions. 10

- 1) Meganucleus of paramoecium is meant for:
 - a) Behavioral control
 - b) Reproduction
 - c) Metabolic and vegetative function
 - d) None of these
- 2) Stage of plasmodium infective to primary host is transmitted by secondary host in the form of:
 - a) Schizont
 - b) Sporozoite
 - c) Ookinete
 - d) Merozoite
- 3) The middle layer of the body wall of porifera is:
 - a) Pinacocytes
 - b) Mesogloea
 - c) Mesenchyme
 - d) None of these
- 4) Obelia is a hydroid of:
 - a) Fresh water
 - b) Brackish water
 - c) Marine water
 - d) All of above

- 5) Fasciola has:
a) Salivary gland
b) Pharyngeal gland
c) Gastric gland
d) Intestinal gland
- 6) Cysticercosis is a disease caused by accidental infection of:
a) Hexacanth of taenia
b) bladder worm of taenia.
c) Encysted cercaria
d) Egg of enterobius
- 7) Cytogamy occurs in:
a) Amoeba
b) Euglena
c) Paramoecium
d) Trypanosoma.
- 8) The number of segments in Hirudinaria is:
a) 109
b) 26
c) 33
d) Numerous
- 9) Hirudinaria is:
a) Herbivorous
b) carnivorous
c) Omnivorous
d) sanguivorous
- 10) Which of the following has no alternative host:
a) Ascaris
b) Plasmodium
c) Tapeworm
d) Periplanata