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SUBJECT CODE NO:- B-2067
FACULTY OF SCIENCE & TECHNOLOGY
B.Sc. F.Y. (Sem-I)
Examination November/December- 2022
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 labelled diagram

Q.1 Give a detailed account on polymorphism in coelenterates 20

OR

Describe in detail life cycle of Fasciola Hepatica

Q.2 Explain in details reproductive system of leech 20

OR

- a) Nephridia
- b) Cercaria larva
- c) Hydranth
- d) Amoebic dysentery
- e) Metazoa
- f) Polymorphism

Q.3 Select and write correct answer from the give alternatives in each rule questions 10

1. Reserved food in Euglena is in the form of

- a) Starch
- b) Glycogen
- c) Fatty acid
- d) Paramylon

2. Sexual phase in the life cycle of plasmodium vivax occurs in;

- a) Cut of mosquito
- b) Blood of man
- c) Salivary gland of mosquito
- d) Body cavity of mosquito

3. Simplest type of canal system is

- a) Sycon type
- b) Ascon type
- c) Diplodal type
- d) All of the above

4. Ascaris is

- a) Host
- b) Bisexual
- c) diocelious
- d) Digenetic

5. The number of chambers in crop of leech is:-

- a) Six
- b) Eight
- c) Nine
- d) Ten

6. Bladder worm is formed in

- a) Human muscles
- b) Muscles of pig
- c) Human forces
- d) Soil

7. Organelle of defense in paramecium is:-

- a) Nematocyst
- b) Oocyst
- c) Sporocyst
- d) Trichocyst

8. Entamoeba histolytica is a:-

- a) Polygenetic parasite
- b) Digenetic parasite
- c) Monogenetic parasite
- d) None of these

9. In sponge central cavity is known as__

- a) Haemocoel
- b) Spongocoel
- c) Coelon
- d) None

10. Metacercaria is one of the stages in the development of _

- a) Ascaria
- b) Taenia solium
- c) Fasciola hepatica
- d) planaria