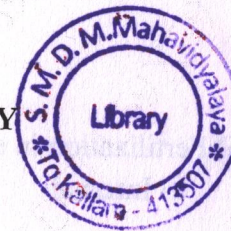


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SUBJECT CODE NO: - Y-2034
FACULTY OF SCIENCE AND TECHNOLOGY
B.Sc. (PATTERN-2013) (F.Y SEM I)
Examination April / May - 2024
Zoology Paper-I Protozoa to Annelida



[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 answers with suitable labelled diagram.

Q.1 Describe structure of Entamoeba histolytica 20

OR

Give an account of types of cells in Pycon.

Q.2 Explain the structure of obelia colony 20

OR**Write short notes (any four)**

- a) Metazoa
- b) pathogenicity of plasmodium vivax
- c) Asconid type of canal system
- d) Polymorphism.
- e) Scoles of Taenia.
- f) Crop of leech.

Q.3 Select and write correct answers from the given alternative in each sub- Questions 10

1) Metazoa includes....

- a) Sporozoa b) Sarcodina. c) Cnidaria d) Protista

2) Euglena is green in colour due to _____

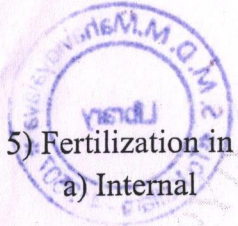
- a) Chromatophores b) Leucoplast
c) Carolene d) Pyrenoid and raramylon.

3) Asexual phase in the life cycle of plasmodium vivax occurs in

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

4) Name of the Scypha's larva _____

- a) Amphiblastula b) Parenchyma
c) Stomablastula d) All of these.

- 
- 5) Fertilization in sponges is _____
a) Internal b) External c) Both a and b d) None
- 6) Obelia is _____
a) Polymorphic b) Dimorphic.
c) Trimorphic d) Moromorphic.
- 7) Fascioliasis is a serious infection found in the liver of ---
a) Sheep b) Dog c) Cat d) Snail.
- 8) Taenia solium is _____
a) Unisexual. b) Hermaphrodite
c) Bisexual d) None of these
- 9) The infection may be diagnosed by examining the _____ for ascaris .
a) Blood b) Skin c) Stool d) Urine
- 10) Salivary glands of Leech contain _____ as an anticoagulant
a) Haemoglobin b) Hirudin
c) Heparin d) Histamine.

