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SUBJECT CODE NO:- 2067
FACULTY OF SCIENCE & TECHNOLOGY
B.Sc. F.Y Sem. I
Examination March/April-2022 (To Be Held In June/July-2022)
Zoology Paper-I
Protozoa to Annelida

[Time: 1:53 Hours]

[Max. Marks:50]

Please check whether you have got the right question paper.

- N.B
- i. Attempt all questions.
 - ii. Illustrate your answer with suitable labeled diagram.
- Q.1 Describe in detail morphological structure of euglena with suitable diagram. 20
- OR
- Give an account on structure of scolex, mature and gravid proglotids in taenia solium
- Q.2 Explain in detail digestive system of leech 20
- OR
- Write short notes on (any four)
- a) Binary fission of euglena
 - b) Bladder worm
 - c) Redia larva
 - d) Trophozote
 - e) Anterior sucker of leech
 - f) Choanocytes
- Q.3 Select and write correct answer from the given alternatives in each question. 10
1. Which the life cycle of plasmodium weaves is

a) Monogenetic	b) Digenetic
c) Polygenetic	d) Monomorphic
 2. Entamoeba histolytica causes -

a) Kala-azar	b) Filarial
c) Dysentery	d) Sleeping sickness
 3. The number of tentacles of obedia medeasa is

a) 08	b) 16	c) 32	d) 64
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4. Flagellated cells in sponger are called
 - a) Pinacocytes
 - b) Choanocyter
 - c) Porpcytes
 - d) Therocytes

5. The intermediate lost of *Fascola hepatica* is
 - a) Goat
 - b) Man
 - c) Lymnea
 - d) Barbus

6. Miracidium is one of the stage in the development of
 - a) Asscaris
 - b) Zaenia solium
 - c) Fasuila hepatica
 - d) Planaria

7. Hydra reproduces by budding method
 - a) At unfavourable condition
 - b) Under favourable condition
 - c) Both a & b
 - d) None of these

8. An antiwagulin substance produced in the saliva of leech is
 - a) Heparin
 - b) Histamine
 - c) Haemoglobin
 - d) Hirudin

9. Another name for spongocoel is
 - a) Castrovascular cavity
 - b) Raragastric cavity
 - c) Coelenterons
 - d) All the above

10. Infection ceused in pig by the sigestion of
 - a) Oncbosphere
 - b) Hexacanth
 - c) Cysticerces
 - d) None of the above