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SUBJECT CODE NO:- B-2089
FACULTY OF SCIENCE & TECHNOLOGY
B.Sc. T.Y. (Sem-VI)
Examination November/December- 2022
Elective Paper
Zoology Paper-XX (602)
Parasitic Protozoa and Helminthes-II

[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 general character of Platyhelminthes with suitable example 20
- OR
- Give an account on morphology and life cycle of Taenia saginata with diagram
- Q.2 Write detail structure life cycle and pathogenicity of Schistosoma haematobium 20
- OR
- Write short notes on any four of the following
- a) Body wall of Trematode
 - b) Pathogenicity of Dracunculus medinensis
 - c) Reproductive organs of cestodes
 - d) Radia larva
 - e) Microfilaria larva
 - f) Cysticercus boris larva
- Q.3 Select and write correct answer from the given alternatives in each sub-questions 10
- 1) In wuchereria Bancroft the larval form is
 - a) Rhabditiform
 - b) filariform
 - c) microfilaria
 - d) None of these

- 2) Hook worm disease is caused by -----
- a) *Schistosoma haematobium* b) *Echino coccus granulossus*
 c) *Wuchereria bancroftian* d) *Ancylostoma duodenale*
- 3) How does a cercaria larva normally enter in the body -----
- a) Through the nose b) Through the urethra
 c) Through the skin d) Through the Drinking water
- 4) The platyhelminthes which are free living belonging to class -----
- a) *Turbellania* b) *cestoda* c) *Nematoda* d) *Trematoda*
- 5) The intermediate host in the life cycle of *Taenia saginata* -----
- a) Pig b) dog c) goat d) cattle
- 6) The blood fluke of man is -----
- a) *Schistosoma* b) *Taenia* c) *fasciola* d) *paragonium*
- 7) Which of the reproductive system present in platyhelminthes -----
- a) Hermaphrodite b) Dioecious c) parthenogenetic d) None of these
- 8) Flat worms are -----
- a) Diploblastic b) Triploblastic c) Monoblastic d) None of these
- 9) Coelom in flat worm is -----
- a) Well developed b) Poorly developed c) schizocoel d) absent
- 10) Segments of *Taenia saginata* is called
- a) Scolex b) cysticercus c) proglottides d) onchosphers