Total No. of Printed Pages: 02

SUBJECT CODE NO: - F-6193
FACULTY OF SCIENCE AND TECHNOLOGY
M.Sc. (Sem-I) (Zoology (Old))
Examination December/January-2022-23
Elective Papers-I Helminthology-I 421

[Time: 3:00 Hours] **[Max. Marks:80]**

Please check whether you have got the right question paper.

N. B
1) Part –'A' is compulsory.
2) Attempt any five questions from Part 'B'
3) draw neat labelled diagram wherever necessary.

Part 'A'

Q1 1. Food of Fasciola is _____ 20
a. Blood b. Lymph c. R. B. C d. Bile Juice

2. Planaria also known as _____
a. Dugesia b. Blood fluke c. Dog tape worm d. Liver Fluke

3. During breading season a temporary opening, the aperture of _____ is also develop
a. Laurer's canal b. genital poxe c. oesophagus d. none

4. After fertilization the egg develops into ____
a. Radia larva b. miracidium larva c. Larva d. none

5. Free living trematode is _____
a. Planaria b. Fasciola c. both d. none

6. Life cycle is digenetic in _____
a. T. Saginata b. T. Solium c. fnepatica d. All the above

7. Flame cells are the organ of _____
a. Respiration b. Excretion c. both d. none

8. Intermediate host of T. saginata is _____
a. Cat b. Dog c. pig d. cattle

9. Nutrition in tapeworm is _____
a. Holozoic b. Autotrophic c. mixozoic d. sapro zoic

10. Reproductive system of Parasitic helminth is _____
a. Simple b. Developed c. Well developed & complicated d. Vestigeal

Part -B

Q2	Describe functional anatomy of reproductive system of cestodes	12
Q3	Give an account of Intra molluscan stage and their effect on molluscan hosts.	12
Q4	Describe different types of larvae in cestodes and their pathogenicity	12
Q5	Give an account on life cycle patterns of Digenetic Trematodes	12
Q6	Describe geographical distribution habitat, morphology and life cycle of Fascioliasis buski	12
Q7	Explain the life cycle and pathogenicity of D. canium	12
Q8	Describe morphology, life cycle and Pathogenicity of T. Saginata.	12