Total No. of Printed Pages: 03

SUBJECT CODE NO:- 6193
FACULTY OF SCIENCE & TECHNOLOGY
M. Sc. (Sem-I) Zoology (Old)
Examination March/April-2022 (To be held in June/July-2022)
Elective Papers-I
Helminthology-I 421

[Time: 3:45 Hours]   [Max. Marks:80]

Please check whether you have got the right question paper.

N.B
1. Part 'A' is compulsory
2. Attempt only five questions from part 'B'
3. Draw neat labeled diagram whoever necessary.

Part – 'A'

Q.1 Attempt following multiple choice question   20

1) Taenia is ---------

   a) Acoelomate

   b) Eucoelonate

   c) Pseudo coelomate

   d) None

2) Oncohosophere possesses

   a) 13 Hooks

   b) 6 Hooks

   c) 10 Hooks

   d) 4 Hooks

3) Gonophore in Fasciola hepatica is -----

   a) Ventral side

   b) dorsal side

   c) Absent

   d) None

4) Radio server is not found in life cycle of -----

   a) liner folate

   b) blood folate

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   c) Both

   d) None

5) Cysticerus larver develops in the--------

   a) blood of pig

   b) Brain of pig

   c) Muscles of pig

   d) None of these

6) Platyhelminthes are ---------

   a) oviparous

   b) Viviparous

   c) Ovoviviparous

   d) All

7) Planaria can not reproduce by --------

   a) Binary fission

   b) Sexually

   c) Asexually

   d) None

8) Male Ascaris can be distinguished by --------

   a) Presence of scullers

   b) Rlengated body

   c) Curved tail with pineal spicules

   d) None of these.

9) Matrix layer of cuticle made up of -----

   a) Sulphur containing matricin

   b) Scleroprotein

   c) Lipid

   d) All the above.

10) Taenia saginata differs from T. sodium in absence of -------

   a) Scolex

   b) Suckers

   c) Hooks

d) None

Part –'B'

Q.2 Describe the classification of Platyhelminthes up to order level. 12

Q.3 Explain egg shell formation and factor influencing of embryo nation and hatching 12

Q.4 Describe hold fast organ with it's adaptations in cestodes 12

Q.5 Describe lie cycle patterns of Digenetic trematodes 12

Q.6 Explain morphology, life cycle and pathogenicity of P. Integrrimum 12

Q.7 Describe life cycle, pathogenicity and control measures of T. Saginata. 12

Q.8 Describe habitat, morphology and life cycle of or granulossus. 12