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SUBJECT CODE NO: - SS-6630
FACULTY OF SCIENCE AND TECHNOLOGY
M.Sc. (Zoology) (Sem-II)
Examination May / June - 2023
Elective Paper Helminthology II ZOO-206

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

Please check whether you have got the right question paper.

N. B

- 1) The Question Paper divided into two parts
- 2) Part 'A' is Compulsory
- 3) Attempt any Five Question From part 'B'
- 4) Draw a neat labelled diagram whenever necessary

Part 'A'

Q1 Attempt the following multiple choice questions.

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- i) W. Bancroft is a parasite causes ----
 a) Kala Azar b) Sleeping sickness c) Elephantiasis d) All of these
- ii) Which type of Nematode creates elephantiasis----
 a) Ascaris b) Filarial c) Hookworm d) None
- iii) Nematodes are -----
 a) Dioecious b) Monoecious c) Asexual d) None
- iv) Which phyla contains animals with a pseudo coelom----
 a) Nematode b) Porifera c) Platyhelminthes d) None
- v) Process of morphological differentiating male & female sexes is known as ----
 a) Sexual Dimorphism b) Polymorphism c) Variation d) None of above
- vi) Life cycle of Ascaris, the infective stage is ----
 a) Second larva b) Third larva c) fertilized egg d) Cyst
- vii) Syncytial epidermis is found in ----
 a) Housefly b) Periplantea c) Metaphire d) Ascaris
- viii) Pointed ends is found in -----
 a) Cestode b) Nematodes c) Trematodes d) All of these

ix) Enterobiasis diseases caused by----

a) Hookworm b) Filarial worm c) Round worm d) Pin worm

x) Mode of transmission for wuchereria is ----

a) Flees b) Mosquito bite c) Housefly bite d) All of these

Part 'B'

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| Q2 Describe Parasitic and Non-Pathogenic Nematodes in Detail. | 12 |
| Q3 Explain Body Wall of Nematodes with suitable example. | 12 |
| Q4 Describe Feeding and Nutrition in Nematodes. | 12 |
| Q5 Describe Life cycle of Citrus nematodes (Tylenchulus) in detail. | 12 |
| Q6 Describe Parasitic transmission, morbidity and control measures of onchocerciasis volvulus. | 12 |
| Q7 Explain chemical and biological control measures of nematodes. | 12 |
| Q8 Write Notes on (Any Three) | 12 |
| A)Hydrostatic Skeleton B)Crop Rotation C)Economic Importance | |