

G-3/392/22

Roll No.

III Semester Examination, January, 2022**M.Sc.****ZOOLOGY**

Paper IV

(Biology of Parasitism)

Time : 3 Hours]

[Max. Marks : 80

Note : *All questions are compulsory. Question Paper comprises of 3 Sections. Section A is objective type/multiple choice questions with no internal choice. Section B is short answer type with internal choice. Section C is long answer type with internal choice.*

SECTION A**1×8=8****(Objective Type Questions)**

Choose the correct answer :

1. Describe the interaction of two organisms living together :
 (a) Symbiosis (b) Biology
 (c) Microbiology (d) Parasitology
2. A relationship between two organisms wherein both organisms benefit :
 (a) Commensalism (b) Mutualism
 (c) Parasitism (d) Amensalism

P.T.O.

3. Female Asearis can be differentiated from male by :
 (a) Presence of cloaea
 (b) Presence of perial seatae
 (c) Shorter size than the male and curved posterior end
 (d) Longer than the male and straight post
4. Tapeworm infection occurs amongst vegetarians through :
 (a) soil
 (b) contaminated water
 (c) improperly washed raw vegetables and fruits
 (d) improperly cooked meaty pork
5. If the infectious agents can only multiply in dead living cells these agents would likely be :
 (a) bacteria (b) fungus
 (c) virus (d) protozoa
6. The bacteria in the gut which contribute to immune functioning are collectively called
 (a) probiotics (b) prebiotics
 (c) stomach bacteria (d) microbiota

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7. A genes named as coceidioides immitis responsible in cauring a disease called :
- (a) coceidiomycosis (b) histoplasmosis
(c) conditions (d) aspergillont.
8. What is true about fungi ?
- (a) Eukaryotic organisms
(b) Prokaryotic organisms
(c) Vricellular
(d) Algae

SECTION B

6×4=24

(Short Answer Type Questions)

Note : Answer the following questions in **250** words.

Unit-I

1. Write the causes symptoms and prevention of Giardiasis.

Or

What is the difference between amoebiasis and diarrhea ?

Unit-II

2. Write the essay on Ascariasis.

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P.T.O.

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Or

Explain the types of schistosomiasis.

Unit-III

3. What are the different forms of Rabies ? Write the basic transmission cycle of Rabies.

Or

Write the microbiology of bacterial respiratory infections.

Unit-IV

4. Which is the most serious type of fungal disease ?

Or

Explain the tick borne disease.

SECTION C

12×4=48

(Long Answer Type Questions)

Note : Answer the following questions in **500** words.

Unit-I

1. What role does the host play in a parasitic relations ?

Or

Discuss the life-cycle of Trypanosoma with symptoms and preventive measure.

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Unit-II

2. What causes Filariasis ? Discuss the different types of Filariasis and elaborate the risk factors of the disease.

Or

What is Taeniasis ? Explain its transmission symptoms diagnosis and prevention.

Unit-III

3. Write an essay on plague.

Or

Discuss the different types of upper respiratory infection in detail.

Unit-IV

4. Discuss superficial mycoris.

Or

Describe the different types of time disease related to human concern.

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