

1B2A22207

(Pages : 1)

Reg. No:.....

Name:

FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE
Second Semester B.Sc Zoology Degree Examination April 2022
BZL2B02 – Animal Diversity – Non Chordata – II
(2019 Admission onwards)

Time: 2 hours

Max. Marks : 60

I. Short answer questions. Each question carries 2 marks

1. What are parapodia?
2. What is osphradium?
3. Mention the significance of Trochophore larva.
4. What is radula? Write its function.
5. What are pedicellariae?
6. What is hirudin? Give its function.
7. Explain mosaic vision.
8. What is Madreporite?
9. What are green glands?
10. What is a connecting link? Give an example.
11. What are tube feet?
12. What is petasma?

(Ceiling: 20 marks)

II. Paragraph questions. Each question carries 5 marks

13. Write a brief account on Trilobites.
14. Give a short note on the affinities of Peripatus.
15. Explain the water vascular system of Starfish.
16. Enlist the salient features of class Insecta.
17. Describe the structure of compound eye of Prawn.
18. Explain the mode of respiration of Pila globosa.
19. Comment on the peculiarities of Bonellia.

(Ceiling: 30 marks)

III. Essay questions. Answer any one question.

20. With a suitable diagram explain the nervous system of Pila globosa.
21. Give an account on the classification of Phylum Annelida with salient features and examples.

(1 x 10=10 marks)

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(Pages : 2)

Reg. No:.....

Name:

FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE

Second Semester B.Sc Botany Degree Examination April 2022

BZL2C02 – Economic Zoology

(2019 Admission onwards)

Time: 2 hours

Max. Marks : 60

SECTION A

I. Short answer questions. Each question carries 2 marks.

1. What is a key pest?
2. Explain the features of parasites.
3. What is stake culture?
4. What is a definitive host?
5. Discuss the damages caused and control measures of *Opisinaarenosella*.
6. What is eyestalk ablation?
7. What is Shagreen?
8. Differentiate between Hyper infection and autoinfection?
9. Name four common species of Honey bees found in India.
10. What is spinneret?
11. Comment on the harmful effects of *Xenopsylla cheopis*.
12. Give the economic importance of *Laccifer lacca*.

(Ceiling: 20 marks)

Section B

II. Paragraph questions. Each question carries 5 marks

13. Write notes on the adaptations of worker bees.
14. Give a brief account of the procedure and major advantages of induced breeding in fishes.
15. Explain the pathogenicity of *Entamoeba histolytica*.
16. Write a short note on the human parasite *Enterobius vermicularis*.
17. Discuss the different methods of Prawn culture.
18. Explain the post-harvesting processing of cocoons.
19. Comment on the major mosquito-borne human diseases and their control measures.

(Ceiling: 30 marks)

Section C

III. Essay questions. Answer any one question.

20. Explain the various basic principles of biological control of pest species.
21. Describe the methods adopted for the culture of Pearl oyster and the harvesting of Pearl.

(1x10 = 10 marks)