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(Pages : 1)

Reg. No:.....

Name:

FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE

First Semester B.Sc Zoology Degree Examination, November 2023

BZL1B01 – Animal Diversity : Non Chordata – Part I

(2022 Admission onwards)

Time : 2 hours

Max. Marks : 60

I. Short answer questions. Each question carries 2 marks

1. Write notes on Chemotaxonomy.
2. Compare homology and analogy.
3. Write any two phylum of Protista with two examples.
4. What is conjugation?
5. Mention the characters of Rhombozoans.
6. List out any four examples of Parazoa.
7. What is measly pork?
8. Comment on Medusa.
9. What are the characters of Hydrozoa?
10. Write a note on the Phylum Acnidaria.
11. What are the major characters of Aschelminthes.
12. Explain the major characters of Phylum Gastrotricha.

(Ceiling 20 marks)

II. Paragraph questions. Each question carries 5 marks

13. Write short essay on Zoological nomenclature.
14. What are the major concepts of 'classification of animals'?
15. Write notes on conjugation in Paramecium.
16. Give an account of canal system in Porifera.
17. Enlist the salient features of Platyhelminthes.
18. What are the major features of nematode with examples?
19. Explain the major features of Pseudocoelomate.

(Ceiling: 30 marks)

III. Essay questions. Answer any one question.

20. Write an essay on the principal of classification and nomenclature.
21. Write an essay on type Obelia. Comment on polymorphism.

(1 x 10=10 marks)

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FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE
First Semester B.Sc Botany Degree Examination, November 2023
BZL1C01 – Animal Diversity & Wild life Conservation
(2022 Admission onwards)

Time : 2 hours

Max. Marks : 60

Section A**Short answer questions. Each question carries 2 marks.**

1. Describe the structure of *Vorticella*
2. Write notes on IUCN
3. What are the features of *Noctiluca*?
4. What is meant by sustainable development?
5. What are the different categories of threatened species?
6. Write notes on *Chelone*.
7. What is the association between Sea anemone and Hermit crab?
8. What is meant by Wildlife Sanctuaries? Give names of any two WLS in Kerala..
9. Explain parental care shown by *Columba*.
10. What are the features of *Sepia*?
11. What are *petasma* and *thelycum*? What are its functions?
12. Write notes on dentition in rabbit.

(Ceiling: 20 marks)

Section B**(Paragraph questions. Each question carries 5 marks)**

13. With the help of diagram, explain the structure of typical vertebra of rabbit.
14. Describe the features of *Sacculina*..
15. Justify inclusion of *Branchiostoma* in the phylum Chordata.
16. Write notes on *Petromyzon*.
17. Explain the pathology caused by *Schistosoma*. Explain the prophylaxis.
18. List out the salient features of phylum Echinodermata.
19. Describe various *Ex-situ* conservation methods

(Ceiling: 30 marks)

Section C**Essay questions. Answer any one question.**

20. Explain the structure of reproductive systems of *Peneaus*.
21. Describe structure and functions of digestive system of *Oryctolagus*. (1x10 = 10 marks)