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Total No. of Questions: 11]

[Total No. of Printed Pages : 3

BPP-1074

M.Sc. (Previous) Examination, 2022 ZOOLOGY

Paper - I

(Taxonomy, Phylogeny, Structure and Function in Invertebrates)

Time: 3 Hours [Maximum Marks: 75

Section-A (Marks: $2 \times 10 = 20$)

Note: Answer all ten questions (Answer limit 50 words). Each question carries 2 marks.

Section-B (Marks: $5 \times 5 = 25$)

Note: Answer all five questions. Each question has internal choice (Answer limit200 words). Each question carries 5 marks.

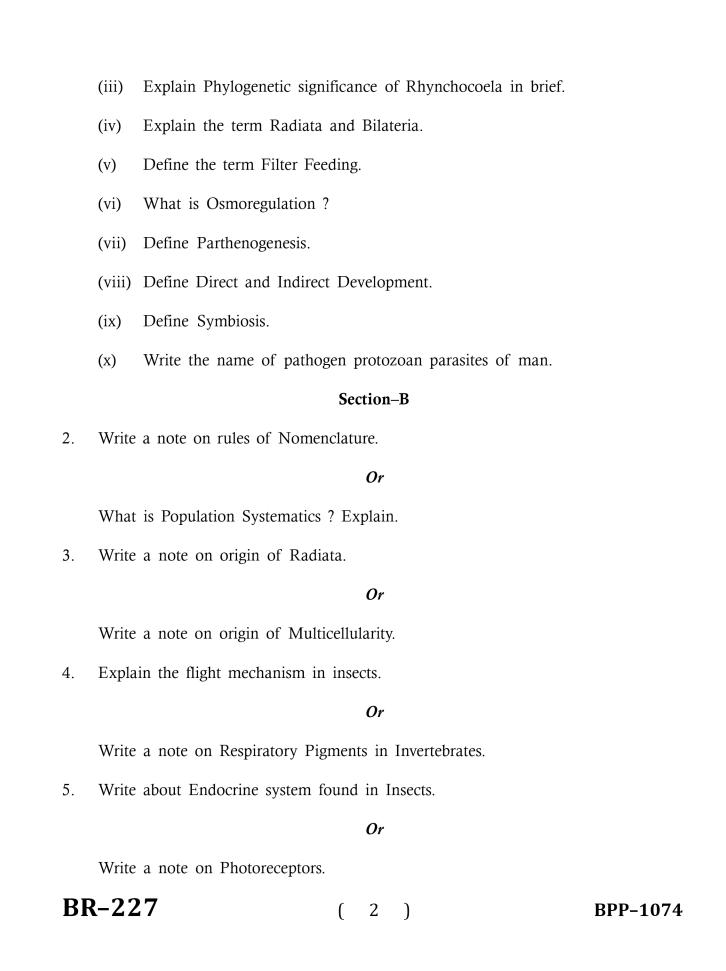
Section–C (Marks : $10 \times 3 = 30$)

Note: Answer any *three* questions out of five (Answer limit **500** words). Each question carries **10** marks.

Section-A

- 1. (i) Define Binomial Nomenclature.
 - (ii) What is Polytypic Species?

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6. Write a note on parasitic adaptation of Platyhelminthes Parasites.

Or

Write a note on Protozoan parasites of Public Health Importance.

Section-C

- 7. Illustrate the types of variations within a Single Population.
- 8. Describe the phylogenetic relationship between the Coelomate phyla.
- 9. Explain in detail the ciliary movements in Protozoa.
- 10. Define Nervous System. Give an illustrated account of plan of Nervous System of Arthropods.
- 11. Describe the life-cycle of Plasmodium Vivax with suitable diagrams.