CODE: **196501**　　　　　　　　　　　　　　　　　　　TIME: 3 Hrs
NOVEMBER 2020　　　　　　　　　　　　　　　　　MAX. MARKS: 50

PART A　　　　　　　　　　　　　　　*(10 x 2=20)*
Answer any **TEN** questions.

1. Binomial nomenclature

2. Phylocode

3. Regeneration

4. Saprozoic nutrition

5. Pseudocoelom

6. Phoronida

7. Ostracoderms

8. Elasmobranchs

9. Hyoid apparatus

10. Aortic arches of frogs

11. chromophores

12. Scihizogony

PART B　　　　　　　　　　　　　　　*(2 x 5=10)*
Answer any **TWO** questions.

13. Write a note on basis of classification of animals.

14. Describe the application of ecological approaches in classifying animals.

15. Give an account on structural features of Ctenophora.

16. Write a note on the affinities of Mesozoa.

17. Describe the structural peculiarities of Gastrotricha.

18. Write a note on the phylogeny of Mollusca.

19. Give a note on adaptive radiation in bony fishes.

20. Explain the jaw suspension in vertebrates.

PART C　　　　　　　　　　　　　　　*(2 x 10=20)*
Answer any **TWO** questions.

21. Write an account on applications of taxonomix keys in the process of classification of animals.

22. Explain the significance of polymorphism exist in Coelenterates.

23. Describe the functional morphology of Platyhelminthes for the parasitic mode of life.

24. Write an account on origin and evolution of Actinopterygii.

25. Give an comparative account on the origin and evolution of heart in vertebrates.

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