

CODE: **196701**
NOVEMBER 2020

TIME: 3Hrs
MAX. MARKS : 50
(10 x 2=20)

PART A

Answer any **TEN** questions

1. Homonyms
2. Tantonyms
3. Parazoa
4. Parenchymula
5. Cephalization
6. Metamerism
7. Archiannelida
8. Neopilina
9. Wheel animalcules
10. Gastrotrichs
11. Polyphyletic origin
12. Coeloplana

PART B

Answer any **TWO** questions

(2 x 5=10)

13. Explain the method of binomial nomenclature
14. Describe the different types of locomotion in protozoa
15. Elaborate on the parasitic mode of life in platyhelminthes
16. Comment on the phylogeny of mollusca
17. Discuss the affinities of phoronida with hemichordates
18. Enumerate the theories on metamerism
19. Describe the structural peculiarities of rotifers
20. Write any five economic importance of sponges

PART C

Answer any **TWO** questions

(2x10=20)

21. What are the new trends in taxonomy? Explain the different applications to taxonomy?
22. Explain the origin and evolution of metazoans
23. Elaborate on the phenomenon of polymorphism in coelenterates
24. Comment on the phylogeny of arthropoda
25. Describe the structural peculiarities and affinities of branchiopoda
