

CODE: **196521**
NOVEMBER 2020

TIME: 3 Hrs
MAX. MARKS: 50

PART A

(10 x 2=20)

Answer any **TEN** questions

1. Apoenzyme
2. Essential aminoacids
3. Glyconeogenesis
4. Transamination
5. Ureotelic
6. Respiratory Quotient
7. Pinnaglobin
8. Moulting
9. FSH
10. Neurotransmitter
11. Vasopressin
12. Transgenic species

PART B

(2 x 5=10)

Answer any **TWO** questions

13. Enumerate the properties of proteins.
14. Name the water-soluble vitamins and write their functions.
15. Comment on cholesterol.
16. Briefly explain lipid digestion.
17. Enlist the different types of respiratory pigments and write a note on their functions
18. Write short notes on Neurosecretions.
19. Write short notes on transgenic fishes.
20. Explain any one mechanism of gamete transfer.

PART C

(2x10=20)

Answer any **TWO** questions

21. Describe the mechanism of enzyme kinetics.
22. Describe in detail carbohydrate digestion and metabolism.
23. Comment on different types of aquatic respiration.
24. Discuss the hormones of growth and reproduction.
25. What is cryopreservation? Explain the steps involved in it.
