



Date: 25-10-2018

Dept. No.

Max. : 100 Marks

Time: 01:00-04:00

PART - A

Answer ALL the questions:

(10 x 2= 10)

1. *What are the different sources of food supplements to the body?*
2. *Define intracellular and extracellular digestion.*
3. *Comment on respiratory organs.*
4. *Write a note on osmoconformers.*
5. *Define neuron with a neat labelled diagram.*
6. *Comment on excretory products.*
7. *Define gluconeogenesis.*
8. *What is the role of ATP in metabolism.*
9. *Write a small note on thyroid hormones.*
10. *Define ACTH.*

PART - B

Answer any FOUR of the following questions:

(4 x 10 = 40)

11. *Explain the role of Proteins in human Nutrition.*
12. *Explain the factors of Blood coagulation.*
13. *Describe the structure and function of Nephron.*
14. *Explain the process of transport of Oxygen.*
15. *Give an account on photo receptors.*

PART - C

Answer any TWO of the following questions:

(2 x 20 = 40)

17. *Explain the steps involved in the formation of urine.*
18. *Give an account on the functions of Pituitary gland.*
19. *Explain the sequences of Carbohydrate metabolism and the role of hormones in controlling the blood Glucose level.*
20. *Describe how nerve impulses are transmitted through myelin and non myelin sheath.*
