

- Q.9 Interpret the meaning of Synapse
Q.10 List two primary functions of liver.

SECTION-B

Note: Short answer type questions. Attempt any six questions out of eight questions. $(6 \times 5 = 30)$

- Q.11 Describe the Chromosomal Theory of Inheritance.
Q.12 How formation of urine does take place?
Q.13 Describe the genetic code and explain how it is “read”.
Q.14 Distinguish between incomplete dominance and co-dominance.
Q.15 Describe the physiology of nerve transmission.
Q.16 Draw the well labeled diagram of human brain.
Q.17 Describe the physiology of respiration.
Q.18 Discuss the different parts of female reproductive system.

SECTION-C

Note: Long answer questions. Attempt any one questions out of two questions. $(1 \times 10 = 10)$

- Q.19 Explain the functions of hormones secreted by
a) Thyroid gland b) Pituitary gland
Q.20 Summarize the following processes
a) Cardiac cycle b) Translation

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2nd Sem, Level 3 / Medical Imaging Tech

Subject : Applied Biology - II

Time : 2 Hrs.

M.M. : 50

SECTION-A

Note: Very short questions. Attempt all ten questions. $(10 \times 1 = 10)$

- Q.1 Give the full form of ADH.
Q.2 Name the enzymes secreted by small intestine responsible for digestion of food.
Q.3 _____ is example of inherited chromosomal disorder.
Q.4 Pancreas secretes two hormones named as _____ and _____
Q.5 Why is Okazaki fragments formed?
Q.6 _____ and _____ are the examples of neurotransmitters.
Q.7 “Thalassemia is considered as Mendelian disorder in human”. Infer the statement
Q.8 Interpret the term Tidal Volume

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