



K21U 1858

Reg. No. :

Name :

**III Semester B.Sc. Degree (CBCSS – OBE – Regular/Supplementary/
Improvement) Examination, November 2021
(2019 and 2020 Admissions)
COMPLEMENTARY ELECTIVE COURSE IN PHYSIOLOGY
3C03 PLY : Human Physiology – I**

Time : 3 Hours

Max. Marks : 32

- I. Essay questions. Answer **any two**. (2×6=12)
- 1) Describe the mechanism of respiration.
 - 2) Write an essay on important cardiovascular disorders.
 - 3) Explain the process of nerve impulse transmission.
 - 4) Describe the process of dialysis emphasizing its clinical significance.
- II. Short essay questions. Answer **any two**. (2×3=6)
- 5) Describe carbohydrate digestion.
 - 6) Give a brief account on the structure of a neuron.
 - 7) Explain cell mediated immunity.
- III. Short answer questions. Answer **any six**. (6×2=12)
- 8) What are neurotransmitters ?
 - 9) What is pyrexia ?
 - 10) What is atherosclerosis ?
 - 11) What is ASD ?
 - 12) What is meant by balanced diet ?
 - 13) What are the major digestive glands ?
 - 14) What is meant by hibernation ?
 - 15) What is intrinsic factor ?

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IV. Multiple Choice Questions. Answer **all**.

(4×0.5=2)

- 16) Erythrocytes are produced in
- a) Spleen
 - b) Bone marrow
 - c) Liver
 - d) Heart
- 17) Vitamin A deficiency
- a) Xerophthalmia
 - b) Beriberi
 - c) Muscles
 - d) Nerves
- 18) The enzyme that helps in milk digestion
- a) Pepsin
 - b) Trypsin
 - c) Gastrin
 - d) Rennin
- 19) Pace maker of the heart is
- a) SA node
 - b) Bundle of His
 - c) AV node
 - d) Purkinje fibres
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