



K22U 3660

Reg. No. :

Name :

**Third Semester B.Sc. Degree (CBCSS – OBE – Regular/Supplementary/
Improvement) Examination, November 2022
(2019 Admission Onwards)**

**COMPLEMENTARY ELECTIVE COURSE IN PHYSIOLOGY
3C03PLY : Human Physiology – I**

Time : 3 Hours

Max. Marks : 32

I. Essay questions. Answer **any two** : **(2×6=12)**

- 1) Describe the mechanism of blood coagulation in human beings.
- 2) Write an account on chemical digestion in human beings.
- 3) Write an account on the mechanism of Oxygen and Carbon dioxide transport during respiration in man.
- 4) Comment on humoral and cell mediated immunity.

II. Short essay questions. Answer **any two** : **(2×3=6)**

- 5) Draw and describe the structure of nephron.
- 6) Comment on human blood groups.
- 7) Write an account on kidney diseases in human beings.

III. Short answer questions. Answer **any six** : **(6×2=12)**

- 8) What are neurotransmitters ?
- 9) What is homeostasis ?
- 10) What is balanced diet ?
- 11) What is hypoxia ?
- 12) What is ESR ?
- 13) What is anaemia ?
- 14) What is peristalsis ?
- 15) Define blood pressure.

P.T.O.



IV. Multiple Choice Question. Answer **all** :

(4×0.5=2)

16) Pernicious anaemia results due to the deficiency of which vitamin ?

- a) Vitamin A
- b) Vitamin B₆
- c) Vitamin K
- d) Vitamin B₁₂

17) The inability to breath is

- a) Eupnoea
- b) Dyspnea
- c) Apnoea
- d) Pneumonia

18) Which of the following cells is involved in cell mediated immunity ?

- a) B cells
- b) Thrombocytes
- c) Erythrocytes
- d) T cells

19) How many types of antibodies are there ?

- a) Two
 - b) Six
 - c) Four
 - d) Five
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