



K23U 1152

Reg. No. : .....

Name : .....

**IV Semester B.Sc. Degree (CBCSS – OBE – Regular/Supplementary/  
Improvement) Examination, April 2023  
(2019 Admission Onwards)  
COMPLEMENTARY ELECTIVE COURSE IN PHYSIOLOGY  
4C04 PLY : Human Physiology – II**

Time : 3 Hours

Max. Marks : 32

**Instruction :** Give illustrations and figures *wherever* necessary.

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

- 1) Write an essay on molecular structure of a muscle fiber.
- 2) Describe in detail the process of oogenesis.
- 3) Give an account on the gastro intestinal hormones and their functions.
- 4) Write an account on water borne and air borne communicable diseases.

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

Write short notes on :

- 5) Structure of sperm.
- 6) Explain rigor mortis.
- 7) List the physiological and anatomical changes during ageing.

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

- 8) All or none law.
- 9) Corpus luteum.
- 10) Functions of thyroxine.
- 11) First aid for burns.
- 12) Artificial respiration.
- 13) Dependence in drug addiction.
- 14) Metastasis.
- 15) Colostrum ? Comment on its significance.

P.T.O.



IV. Multiple choice questions. Answer **all**.

(4×½=2)

- 16) \_\_\_\_\_ is the birth hormone.  
(Vasopressin, Oxytocin, Melatonin, Serotonin)
- 17) Diabetes insipidus is caused by the deficiency of \_\_\_\_\_  
(MSH, ADH, Oxytocin, FSH)
- 18) Study of the biological cause of ageing is called \_\_\_\_\_  
(Gerontology, Oncology, Conchology, Cosmetology)
- 19) Which of the following is an STD ?  
(Cholera, AIDS, Alzheimers, Parkinsons)

