



**K20U.0905**

Reg. No. : .....

Name : .....

**IV Semester B.Sc. Degree (CBCSS-Reg./Supple./Imp.) Examination, April 2020  
(2014 Admission Onwards)**

**COMPLEMENTARY COURSE IN PHYSIOLOGY**

**4C04PLY : Human Physiology – II**

Time : 3 Hours

Total Marks : 32

I. Answer **any one**.

1) Make a note on Thyroid gland and Parathyroid gland.

2) Explain the structure of male reproductive system. **(1×6=6)**

II. Answer **any one**.

3) Describe the biochemical events occurs during muscle contraction.

4) Explain on sexually transmitted diseases. **(1×6=6)**

III. Answer **any four**.

5) Smoking and Side effects.

6) Hormonal control of pregnancy.

7) Oogenesis.

8) Water borne diseases.

9) Forelimb bones.

10) Islets of Langerhans. **(4×3=12)**

IV. Answer **any six**.

11) Tetanus

12) Blastocyst

13) Ageing

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- 14) Carcinogen
- 15) HIV
- 16) Muscle fatigue
- 17) Sarcoplasm
- 18) Trophic hormones.

V. Answer the following :

**(6×1=6)**

19) Match the following.

- |                   |   |                  |
|-------------------|---|------------------|
| a) Thyroxine      | - | Nourishing cells |
| b) Muscle Fatigue | - | Metabolism       |
| c) Milk ejection  | - | Lactic acid      |
| d) Sertoli cells  | - | Oxytocin         |

**(2×1=2)**