

BSc DEGREE EXAMINATION DECEMBER 2017
(Third Semester)

Branch - **NUTRITION, FOOD SERVICE MANAGEMENT & DIETETICS**

HUMAN PHYSIOLOGY

Time : Three Hours

Maximum : 75 Marks

SECTION-A (20 Marks)

Answer **ALL** questions

ALL questions carry **EQUAL** marks (10 x 2 = 20)

- 1 List out any four functions of epithelial tissue.
- 2 What are the types of blood group systems?
- 3 Define micturition.
- 4 List out any two functions of gastric juice.
- 5 Define ECG.
- 6 What is meant by Tachycardia?
- 7 Define Reflex arc.
- 8 List out any two functions of cerebrum.
- 9 Give any two functions of ovaries.
- 10 When is the corpus luteum is formed?

SECTION- B (25 Marks)

Answer **ALL** Questions

ALL Questions Carry **EQUAL** Marks (5 x 5 = 25)

- 11 a Draw and explain the structure of Muscle.
OR
b Write any five functions of blood.
12. a Write about the factors affecting cardiac output.
OR
b Draw the structure of heart and label it.
- 13a Give the functions of Saliva.
OR
b Brief about the formation of urine.
- 14 a Discuss briefly the structure of eye.
OR
b Explain the functions of hypothalamus.
- 15 a. Explain the structure of female reproductive system.
OR
b Write a short note on the development of graffian follicles.

SECTION - C (30 Marks)

Answer any **THREE** Questions

ALL Questions Carry **EQUAL** Marks (3 x 10 = 30)

- 16 Discuss the functions of plasma proteins.
- 17 Describe the mechanism of respiration.
- 18 Explain the stages of Swallowing.
- 19 Detail note on Rhodopsin cycle.
- 20 Bring out the structure and functions of thyroid.