

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)
BSc DEGREE EXAMINATION MAY 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 Write a note on stratified epithelial tissue.
- 2 What is coagulation of blood?
- 3 Give an account on blood supply to heart.
- 4 List the structures in the respiratory system.
- 5 - Define Micturition.
- 6 Brief the functions of hypothalamus.
- 7 Write the functions of liver.
- 8 What is cochlea?
- 9 Write any four functions of thyroid hormone.
- 10 What is follicular phase?

SECTION - B (25 Marks)

Answer **ALL** Questions

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

- 11 a Explain the process of RBC formation.
OR
b Describe the structure of muscle and bone tissue.
- 12 a Describe the conduction of heart beat.
OR
b Draw a neat diagram of kidney and list its functions.
- 13 a Explain the peristaltic movement of alimentary tract.
OR
b Brief the mechanism of respiration.
- 14 a“ Explain Reflex action.
OR .
b Discuss the physiology of nose in smell perception.
- 15 a Give an account on the functions of adrenal glands.
OR
b Describe Menstrual cycle.

SECTION - C (30 Marks)

Answer any **THREE** Questions

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

- 16 Explain the composition and function of blood.
- 17 Brief the structure of heart and explain cardiac cycle.
- 18 Elaborate the structure and functions of the digestive system.
- 19 Describe the anatomy of nervous system.
- 20 Explain the structure of male reproductive system.

Z-Z-Z

END