

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

MSc DEGREE EXAMINATION MAY 2018
(First Semester)

Branch – CLINICAL NUTRITION AND DIETETICS

HUMAN PHYSIOLOGY

Time: Three Hours

Maximum: 75 Marks

SECTION -A (30 Marks)

Answer ALL questions

ALL questions carry EQUAL Marks (5 x 6 = 30)

- 1 a. Give the functions of cell.
OR
b. How does energy produced in cell?
- 2 a. Write the factors aiding venous return.
OR
b. Write an account on respiratory abnormalities.
- 3 a. Discuss the mechanism of digestion.
OR
b. Draw the structure of nephron and give its functions.
- 4 a. Bring out the abnormal functions of endocrine glands and its defects.
OR
b. How does hormones aid in reproduction?
- 5 a. What are neurotransmitters? How does it transmits impulses?
OR
b. Discuss the mechanism of vision.

SECTION -B (45 Marks)

Answer any THREE questions

ALL questions carry EQUAL Marks (3 x 15 = 45)

6. Describe the immunity system in our body.
7. Explain respiratory system on
(i). How it exchanges gases ?
(ii) How it responds during exercise?
8. Explain Micturition and Dialysis.
9. Describe the disorders of skeletal system and muscle.
10. Draw the structure of ear and explain the functions of its parts.