

B.Pharm II Year I Semester (R13) Supplementary Examinations November 2016

ANATOMY, PHYSIOLOGY & PATHOPHYSIOLOGY

Time: 3 hours

Max. Marks: 70

PART – A

(Compulsory Question)

- 1 Answer the following: (10 X 02 = 20 Marks)
- (a) Write about the general functions of blood brain barrier.
 - (b) Discuss different neurotransmitters of ANS.
 - (c) Discuss the various parts of human urinary tract.
 - (d) Write notes on Oogenesis.
 - (e) Write the functions of Adrenal secretions.
 - (f) Write short notes on structure of tongue.
 - (g) Write short notes on inflammatory mediators.
 - (h) Discuss the process of Metastasis.
 - (i) Discuss the pathophysiology of psychosis.
 - (j) Write short notes on depression.

PART – B

(Answer all five units, 5 X 10 = 50 Marks)

UNIT - I

- 2 Describe in detail about the functions and different parts of spinal cord.

OR

- 3 Describe the mechanism of neurohumoral transmission in the nervous system.

UNIT - II

- 4 With the help of a neat diagram, describe the functions and parts of nephron.

OR

- 5 Describe the female reproductive system along with their hormones.

UNIT - III

- 6 Describe the anatomy of thyroid gland and add a note on thyroid hormones.

OR

- 7 Describe the sense of smell with help of neat diagram.

UNIT - IV

- 8 Describe the process of cellular injury, pathogenesis and repair.

OR

- 9 Describe in detail about the cancer.

UNIT - V

- 10 Describe the pathophysiology of STD and TB.

OR

- 11 Describe the pathophysiology of peptic ulcer and gout.
