

Code: 15R00105

R15

B.Pharm I Year I Semester (R15) Regular & Supplementary Examinations January 2017
HUMAN ANATOMY & PHYSIOLOGY – I

Time: 3 hours

Max. Marks: 70

PART – A
(Compulsory Question)

1 Answer the following: (10 X 02 = 20 Marks)

- (a) Define reabsorption.
- (b) Define homeostasis.
- (c) Define blood groupings.
- (d) Define pulmonary ventilation.
- (e) Define deglutination.
- (f) Define menstruation.
- (g) Define blood pressure.
- (h) Name the lymphatic organs.
- (i) Write functions of ANS.
- (j) Write about types of joints.

PART – B

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

UNIT – I

2 Draw a structure of Nephron. Explain the mechanism of Micturition.

OR

3 Write about classification and functions of epithelial and connective tissues.

UNIT – II

4 Define coagulation. Explain the mechanism of coagulation of blood.

OR5 Explain the transport of O₂ and CO₂ in blood.

UNIT – III

6 Explain the chemical digestion of food taking in small intestine.

OR

7 Explain female reproductive system and its hormonal activity.

UNIT – IV

8 Draw a structure of ear and describe the physiology of audition.

OR

9 Define blood pressure. Explain regulation and control of blood pressure.

UNIT – V

10 Explain the formation, circulation and functions of cerebrospinal fluid.

OR

11 Explain the mechanism of neurohumoral transmission in autonomic nervous system.
