

Code: 9R01305

R09

B.Pharm II Year I Semester (R09) Supplementary Examinations November 2016

ANATOMY, PHYSIOLOGY & PATHOPHYSIOLOGY

Time: 3 hours

Max. Marks: 70

Answer any FIVE questions
All questions carry equal marks

- 1 (a) Describe various parts of brain with neat labeled diagram. Add a note on functions of brain.
(b) Explain the structure and functions of blood brain barrier (BBB).
- 2 (a) Describe the process of urine formation. Add a note on the role of kidney in maintaining acid balance.
(b) Write a short note on the urinary tract infection.
- 3 (a) Write about the physiology of menstruation. Add a note on the Oogenesis.
(b) Write a detailed note on female sex hormones.
- 4 (a) Describe the structure and physiology of eye.
(b) Write a short note on the functions of nose.
- 5 (a) Write a detailed note on anterior pituitary hormones and their functions.
(b) Explain briefly about pancreatic hormones.
- 6 (a) Describe about process of cell injury.
(b) Explain about hypertrophy.
- 7 (a) What is cancer? Describe the pathogenesis of cancer.
(b) Write a short note on tumors.
- 8 (a) Describe the pathophysiology of diabetes mellitus.
(b) Explain the pathogenesis of rheumatoid arthritis.
