

Code No. 6032 / S

FACULTY OF PHARMACY**B. Pharmacy I – Year (Supplementary) Examination, November 2015****Subject: Anatomy, Physiology and Health Education****Time: 3 Hours****Max.Marks: 70****Note: Answer All questions. All questions carry equal marks.**

- 1 a) Define the following anatomical terms with examples. 4
i) Lateral ii) Distal iii) Inferior iv) Anterior
b) Describe the structure and functions of epithelial and nervous tissue. 10
OR
c) Identify the principal bones of the axial skeleton system and mention their functions. 7
d) Discuss the active and passive transport across the plasma membrane. 7
- 2 a) Describe the structure and functions of the brain. 7
b) Explain the composition and function of blood. 7
OR
c) Explain the physiology of nerve impulse conduction. 7
d) Give the anatomical structure and conducting system of the heart. 7
- 3 a) Give the structure and functions of the liver. 6
b) Explain the physiology of respiration. 8
OR
c) Outline the actions of the hormones secreted by the anterior and posterior lobes of the pituitary gland. 9
d) Discuss the anatomical structure and functions of small intestine. 5
- 4 a) Explain the gross and microscopic structure of the kidney. 6
b) Discuss the anatomy and physiology of taste buds. 8
OR
c) Explain the physiology of urine formation. 8
d) Explain the anatomy and physiology of eye. 6
- 5 a) Explain the various types of birth control methods. 10
b) Write about symptoms and causes of shock. 4
OR
c) Write about deficiency diseases of fat soluble vitamins. 8
d) Write a note on the following:
i) Neoplasms 3
ii) Embolism. 3
