

(Following Paper ID and Roll No. to be filled in your
Answer Books)

Paper ID : 150416

Roll No.

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B. PHARM.

Theory Examination (Semester-IV) 2015-16

ANATOMY, PHYSIOLOGY AND PATHOPHYSIOLOGY-IV

Time : 3 Hours

Max. Marks : 100

Note: Attempt all questions. All questions carry equal marks.

1. Attempt any four parts of the following: (4×5=20)

- (a) Give the function of respiratory system.
- (b) Explain in detail the mechanism of respiration.
- (c) Write a short note on tuberculosis.
- (d) Explain the pathophysiology of asthma.
- (e) Discuss the pathogenesis of pneumonia.

2. Attempt any four parts of the following: (4×5=20)

- (a) Draw a labeled diagram of heart.

- (b) Write a short note on cardiac cycle.
- (c) Write a short note on angina.
- (d) Describe Pathophysiology of heart failure.
- (e) Discuss the Pathophysiology of hypertension.

3. Attempt any four parts of the following: (4×5=20)

- (a) Explain the etiology of cell injury.
- (b) What is cellular adaptation?
- (c) Explain the term atrophy and metaplasia.
- (d) Explain morphological changes occurring during reversible cell injury.
- (e) Write a note on neoplasm.

4. Attempt any two parts of the following: (10×2=20)

- (a) Give the mechanism of process of repair.
- (b) Define inflammation? Explain the mechanism of inflammation.
- (c) Discuss various mediators involved in inflammation.

5. Describe the Pathophysiology of any four: (4×5=20)

- (a) AIDS
- (b) Myasthenia gravis
- (c) Cataract
- (d) Anaemia
- (e) Epilepsy