



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

PAPER ID : 150416

Roll No.

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B. Pharma.

(SEM. IV) THEORY EXAMINATION, 2014-15
**ANATOMY, PHYSIOLOGY AND
PATHOPHYSIOLOGY - IV**

Time : 3 Hours]

[Total Marks : 80

1 Attempt any **four** : **(4×4=16)**

- a) Discuss the ultra structure of respiratory membrane with the help of a neat diagram.
- b) Explain the Pathophysiology of Pneumoia.
- c) Discuss the tuberculosis and emphysema.
- d) Write the different pulmonary capacities of respiratory system.
- e) Explain the mechanism of respiration.

2 Attempt any **four** : **(4×4=16)**

- a) Discuss the relationship of ECG with cardiac cycle with the help of a representative ECG diagram.
- b) Discuss the Pathophysiology of and progression of Cardiac arrhythmias.

- c) Explain Cardiac cycle with help of diagram.
- d) Write the Pathophysiology of Angina.
- e) Discuss the conducting system of heart in details.

3 Attempt any **two** : **(8×2=16)**

- a) Explain the Menstrual cycle in details.
- b) What is Oogenesis ? Explain Oogenesis with diagram.
- c) Discuss the Pathophysiology of AIDS.

4 Attempt any **two** : **(8×2=16)**

- a) What is Diabetes Mellitus and explain its types in details.
- b) Discuss Anatomy and function of Thyroid hormone.
- c) Discuss the Master gland of the body.

5 Attempt any **four** : **(4×4=16)**

- a) Cataract
 - b) Arthritis
 - c) Anaemia
 - d) Myasthenia gravis
 - e) Allergy
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