

Printed Pages : 2



PH245

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

PAPER ID : 150405

Roll No.

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B. Pharm.

(SEM. IV) THEORY EXAMINATION, 2014-15
ANATOMY, PHYSIOLOGY & PATHOPHYSIOLOGY - II

Time : **3 Hours]**

[Total Marks : **80**

Note : Attempt all parts from question no.1 in section-A, any four parts from Question no. 2. Section- B and all questions from Section-C.

SECTION-A

1 Attempt all parts : 2×8=16

- (a) Write down the anatomy of pituitary gland.
- (b) Narrate the brief physiology of adrenal gland.
- (c) Define gout.
- (d) Discuss the physiology of pancreas.
- (e) Mention the various parts of male reproductive system.
- (f) Write about the conducting system of heart.
- (g) What do you mean by LDL and mention its function.
- (h) Write down the functions of respiratory structures.

SECTION –B

- 2 Attempt any four parts: **6×4=24**
- (a) Describe the positive feedback regulation of oxytocin secretion.
 - (b) Discuss the physiology and control of secretion of prolactin.
 - (c) Describe the process of pregnancy
 - (d) Draw a neat labeled diagram of myocardium and explain about it.
 - (e) Mention the various disorders of parathyroid gland.

SECTION-C

Attempt all questions : **8×5=40**

- 3 Explain in detail about the pathophysiology and treatment of IDDM.
- 4 Write a note on hormones released from posterior lobe of pituitary.
- 5 Explain cardiac cycle. How does atherosclerosis lead to unstable angina.
- 6 Write in detail about oogenesis and explain all its phases.
- 7 Write short notes on the following:
- (1) Ischaemic Heart Disease
 - (2) Pneumonia.