

Subject Code: B13204/R13

I B. Pharmacy II Semester Regular/Supply Examinations July - 2015

HUMAN ANATOMY & PHYSIOLOGY-II

Time: 3 hours

Max. Marks: 70

Question Paper Consists of **Part-A** and **Part-B**
Answering the question in **Part-A** is Compulsory,
Three Questions should be answered from **Part-B**

PART-A

1. (a) Write a note on cerebrospinal fluid.
- (b) Draw a neat labeled diagram of neuron.
- (c) Write a note on sympathetic neurotransmitters.
- (d) Discuss the endocrine functions of testes.
- (e) Write a note on female reproductive hormones.
- (f) Write about the functions of skin.

[4+3+4+3+4+4]

PART -B

2. (a) Describe the structure and functions of spinal cord.
 - (b) Enumerate the functions of cranial nerves
 - [8+8]
3. (a) Write a note on special functions of brain.
 - (b) Write a detailed note on neurochemical transmission.
 - [6+10]
4. (a) Describe the structure and functions of sympathetic nervous system.
 - (b) Write a note on parasympathetic neurotransmitters and their physiological role.
 - [8+8]
5. Write a note on following
 - (a) Anterior pituitary hormones.
 - (b) Parathyroid glands.
 - [8+8]
6. (a) Describe the physiology of menstruation.
 - (b) Write a detailed note on spermatogenesis.
 - [8+8]
7. Explain the anatomy and physiology of following
 - (a) Ear
 - (b) Tongue
 - [8+8]

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