



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

PAPER ID : 150208

Roll No.

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B. PHARM.

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

Time : 3 Hours]

[Total Marks : 80

- Note :**
- (1) All Sections (A,B & C) are compulsory
 - (2) Add figure where necessary

SECTION A

Very Short Questions, Attempt all.

1×16=16

- 1 MTP act came in which year _____
- 2 Give names of any two chemical mediators involved in neurohumoral transmission.
- 3 Largest cranial nerve is _____
- 4 Interneurons are relay neurons. T/F
- 5 Release of neurotransmitters is associated with _____ ion.

- 6 Give the name of visual pigment found in eye.
- 7 Three ear ossicles are _____
- 8 The germinative layer of skin is _____
- 9 Red pulp of spleen is highly diffused with lymph vessels. T/F
- 10 Define antidotes.
- 11 Give the causative organism of influenza _____
- 12 Give the dosing schedule of BCG.
- 13 India is in which phase of demographic cycle?
- 14 Give the causative organism of tuberculosis _____
- 15 Fight and flight system is the name specific with which part of ANS?
- 16 Life span of olfactory receptor is _____

SECTION B

Short Questions (Attempt any 6)

6X4=24

- 1 Draw a well labeled diagram of eyeball.
- 2 Write a note on demography.
- 3 Explain the physiology of hearing.
- 4 What is the role of spleen in formation and destruction of RBCs.

- 5 Discuss the diagnostic significance of EEG.
- 6 Discuss the emergency treatment of shock.
- 7 Tabulate various organs and their responses associated with sympathetic nervous system.
- 8 Enlist the location and function of cranial nerves.

SECTION C

Long Questions (Attempt any 4) **4X10=40**

- 1 Explain spinal cord and its functions in detail.
- 2 Discuss briefly physiology of sight and also explain the phenomenon of dark adaptation.
- 3 Discuss the emergency treatment of poisoning and fracture.
- 4 Write about various steps of neurohumoral transmission.
- 5 Classify different contraceptive methods and discuss about various oral contraceptive pills in detail.
- 6 Give the brief outline, causative agent, modes of transmission and prevention of any four:
 - (a) Gonorrhoea
 - (b) Whooping cough
 - (c) Malaria
 - (d) Rabies
 - (e) Leprosy
 - (f) Tuberculosis