

(d) Describe the mechanism of Neurohumoral transmission in CNS.

(e) Describe various components of reflex arc.

—x—

Printed Pages : 4



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

PAPER ID : 150203

Roll No.

B. Pharma. (IInd Semester)

**SPL. THEORY EXAMINATION, 2014-15
ANATOMY, PHYSIOLOGY AND PATHO-
PHYSIOLOGY-II**

Time : 3 Hours]

[Total Marks : 70

Note: Each section is compulsory.

Section-A

1. Attempt all the questions : 1×14

(a) EEG stands for.....

(b) What is synapse?

(c) Role of cerebellum in Brain is.....

(d) Name of different Neuroglia are.....

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[Contd...

- (e) Different lobes of cerebrum are.....
- (f) Different parts of brain stem are.....
- (g) The separates the cerebrum into right and left halves.
- (h) Reflex actions are controlled by.....
- (i) Cerebrospinal fluid is secreted by.....
- (j) Bundle of neurons in a nerve in called.....
- (k) Average life span of RBC is about.....days.
- (l) The component of CNS are.....
- (m) Function of blood is.....
- (n) Function of Kidney is.....

Section–B

2. Attempt any six questions : 4×6

- (a) Describe the Pathophysiology of Hepatitis.
- (b) Describe the Pathophysiology of Peptic Ulcer.

- (c) Describe the three basic functions of nephron
- (d) Describe the route and mechanism of tubular reabsorption.
- (e) List the component and major function of the lymphatic system.
- (f) Describe the structure and function of spinal cord.
- (g) Give the structure and function of spleen.
- (h) What is difference between sympathetic and parasympathetic nervous system?

Section–C

3. Attempt any four questions : 8×4

- (a) Describe the anatomy and physiology of ANS and write the role of cholinergic innervations in different organs.
- (b) Give the functions of different cranial nerves.
- (c) Describe structure and function of Lymph node.