

(Following paper id & Roll No. is to be filled in answer sheet)

Paper id: 150218

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

SECTION—A

I. Attempt **all** questions : **(1×16=16)**

1. Write the names of different parts of brain stem.
2. Which type of brain waves in EEG indicate brain damage ?
3. Write the motor function of hypoglossal nerve.
4. Write the name of largest cranial nerve.
5. Write the name of neurotransmitter released by cholinergic neurons.
6. What is life span of an olfactory receptor ?
7. Write the name of fluid which is present in the bony labyrinth of internal ear.
8. What roles do basal cells play in taste buds ?
9. Define keratinization.
10. Write the names of photopigments in rods.

11. Which type of lymphocytes achieve immunocompetence in the thymus ?
12. What tissue contains the stem cells which develop lymphocytes ?
13. Write the name of specific antidote for mercury poisoning.
14. Define shock.
15. Write the name of causative agent of syphilis.
16. Write the name of causative agent of tetanus.

SECTION—B

- II. Attempt any **six** questions : **(6×4=24)**
1. Draw a labelled diagram of an eye.
 2. Write in short the physiology of gustation.
 3. Write a note on spleen.
 4. Differentiate between sympathetic and parasympathetic system.
 5. Write a note on treatment of burns.
 6. Write a note on AIDS.
 7. Write a note on treatment of poisoning.
 8. Write about the causative agents, mode of transmission and prevention of :
 - (a) Filaria
 - (b) Diphtheria.

SECTION—C

- III. Attempt any **four** questions : **(4×10=40)**
1. Name the different lobes of cerebral cortex. Write briefly on functions of frontal lobe.
 2. What is reflex action ? Describe the components of a reflex arc.
 3. Give brief outline, causative agents, modes of transmission and prevention of (any **four**) :
 - (a) Chicken pox
 - (b) Tuberculosis
 - (c) Gonorrhoea
 - (d) Poliomyelitis
 - (e) Influenza
 4. Explain the physiology of hearing.
 5. Classify the different contraceptive methods. Write in short about tubectomy.
 6. Tabulate type, location and functions of all cranial nerves.