

Roll No.

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Total No. of Pages : 02

Total No. of Questions : 13

B.Pharma (2017 Batch) (Sem.-2)
HUMAN, ANATOMY AND PHYSIOLOGY-II
Subject Code : BP-201T
Paper ID : [74967]

Time : 3 Hrs.

Max. Marks : 75

INSTRUCTIONS TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains THREE questions carrying TEN marks each and student has to attempt any TWO questions.
3. SECTION-C contains NINE questions carrying FIVE marks each and student has to attempt any SEVEN questions.

SECTION-A**1. Answer briefly :**

- a) Name two hormones secreted by ovaries.
- b) Write down the functions of kidney.
- c) Define electroencephalogram.
- d) Name two muscles involved in respiration.
- e) What are the two important functions of reticular formation?
- f) Name two cranial nerves.
- g) Discuss various functions of brain.
- h) Define renal failure.
- i) What do you mean by menopause?
- j) Enlist the functions of liver.

SECTION-B

2. Draw labeled diagram of neuron. Discuss the process of nerve impulse generation and transmission in detail with suitable diagram or flow charts.
3. Discuss the process of protein digestion in details with suitable diagram or flow charts.
4. Write down various hormones released from pituitary. Discuss their functions and various diseases associated with their hyper and hypo secretions.

SECTION-C

5. Explain the process of ATP formation.
6. Discuss various hormones of pancreas.
7. Draw a well-labeled diagram of nephron.
8. Discuss the process of acid base balance.
9. Write down the genetic pattern of inheritance.
10. Discuss various types of lung capacities.
11. Draw labeled diagram of male reproductive system.
12. Write down a note on various types of neurotransmitters.
13. Discuss the physiology of menstruation.