

Roll No.

Total No. of Pages : 02

Total No. of Questions : 13

B.Pharma. (Sem.-2)
HUMAN ANATOMY AND PHYSIOLOGY-II
Subject Code : BP-201T
M.Code : 74967
Date of Examination : 04-07-22

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. What are the different meninges?
- b. What is an action potential?
- c. What is a reflex action?
- d. Name the enzymes released from pancreas.
- e. What are lacteals?
- f. What is basal metabolic rate? Write its significance.
- g. What are alveoli? Write their function.
- h. What is glomerulus and glomerular filtrate rate?
- i. What are the functions of FSH?
- j. What is translation and transcription?

SECTION-B

2. Explain the process of menstrual cycle in detail.
3. Write the hormones released from the anterior pituitary. Write the functions of insulin.
4. Explain the structure of urinary system with a special reference to nephron.

SECTION-C

5. Write a note on chromosomes.
6. Explain the process of spermatogenesis.
7. Explain the role of renin angiotensin system.
8. How is carbon dioxide transported in the blood?
9. Explain the functions of thyroxine. Enlist the symptoms of hyperthyroidism.
10. Explain the process of regulation of respiration (chemical method).
11. How is ATP formed?
12. What are neurons and neuroglia?
13. What do you mean by synapse, neurotransmitters and neurotransmission?

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.