



P-014-003207

Seat No. _____

M. P. M. (Sem. II) (CBCS) Examination

July - 2018

BP-201T : Human Anatomy & Physiology-II

Faculty Code : 014

Subject Code : 003207

Time : 3 Hours]

[Total Marks : 80

Instructions : (1) Attempt three questions from each section. ,
(2) Questions 1 and 5 are compulsory.
(3) Tie each section separately.
(4) Figure to the right indicates full marks for the respective question.

SECTION-I

1	Answer the following questions : (Any SEVEN)	14
(1)	Draw neat and clean diagram of Nephron.	
(2)	Enlist organs of male Reproductive system.	
(3)	Comment: Ischemia produces acute brain damage.	
(4)	Comment: After consumption of alcohol urine output increase.	
(5)	Comment: Hypothalamus is a detector of our body.	
(6)	What is the function of optic nerve in human eye?	
(7)	Define: Vital capacity.	
(8)	Explain: Neuron.	
(9)	Write function of Pharynx.	
(10)	Explain the term: Action Potential.	
2	Answer the following :	
(1)	Explain disorders of Thyroid gland.	7
(2)	Enlist hormones of Pituitary gland and explain hormones of posterior pituitary gland in detail.	6

3 Answer the following : 7
(1) Draw a neat labeled diagram of cross section of Spinal cord. Describe in detail about process of Spinal reflexes. 7
(2) Explain name, location and functions of any two cranial nerves in detail. 6

4 Answer the following : 7
(1) Explain reflex mechanism and classify different types of reflex action. 7
(2) Define Nervous system. Write the difference between Parasympathetic nervous system and Sympathetic nervous system. 6

SECTION-II

5 Answer the following : (Any two) 14
(1) Explain in detail about role of renin angiotensin system for bloodpressure regulation in kidney. 7
(2) Describe Glomerulus filtration and Tubular secretion in detail. 6
(3) Write a short note on Male Reproductive system. 6

6 Answer the following : 7
(1) Explain physiology of Vision. 7
(2) Draw a neat and clean diagram of internal anatomy of ear with appropriate labeling. 6

7 Answer the following : 7
(1) Write a note on external and internal respiration processes. 7
(2) Write a short note on BBB. 6

8 Answer the following : 7
(1) Define respiration. Explain in detail mechanism of internal respiration. 7
(2) Enlist parts of brain. Write functions of Hypothalamus. 6