



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 : 7**
- (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 :
- (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 :
- (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.
 - (2) Describe Glomerulus filtration and Tubular secretion in detail.
 - (3) Write a short note on Male Reproductive system.
- 6** Answer the following :
- (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 :
- (1) Write a note on external and internal respiration processes. **7**
 - (2) Write a short note on BBB. **6**
- 8** Answer the following :
- (1) Define respiration. Explain in detail mechanism of internal respiration. **7**
 - (2) Enlist parts of brain. Write functions of Hypothalamus. **6**