



JP-014-003207 Seat No. _____

**Master of Pharmacy Management (Sem. II) (CBCS)
Examination**

August / September – 2019

BPT - 204 T : Human Anatomy & Physiology - II

Faculty Code : 014

Subject Code : 003207

Time : 3 Hours]

[Total Marks : 80

Instructions :

- (1) Answer any **three** from each section except question 1 and 5 are **compulsory**.
- (2) Figure to the **right** indicates full marks.
- (3) Draw neat and clean diagram when required.

SECTION - I

- 1 Answer the following questions : (any seven) 7×2=14
- (A) Discuss epilepsy in brief.
 - (B) Explain : Hypoxia
 - (C) Explain : Tuberculosis
 - (D) Discuss Parkinson's disease in brief.
 - (E) Which hormone is released from Heart ? Explain its function.
 - (F) What is Tidal volume ?
 - (G) Describe in brief about limbic system.
 - (H) Enlist four functions of thalamus.
 - (I) Enlist functions of red nucleus.
 - (J) Explain role of Medulla.
- 2 Answer the following questions : 13
- (A) Draw labelled diagram of respiratory system. 7
Explain COPD and Asthma.
 - (B) Discuss physiological role of hypothalamus. 6

- 3 Answer the following questions : 13
 (A) Differentiate sympathetic nervous system from 7
 parasympathetic nervous system.
 (B) Discuss anatomy of eye with labelled diagram. 6
- 4 Answer the following questions : 13
 (A) Make a detailed note on olfactory centres. Discuss 7
 various types of taste buds.
 (B) Explain blood brain barrier. Discuss CSF in brief. 6

SECTION - II

- 5 Answer any **two** questions from the following : 2×7=14
 (A) Make a note on master gland.
 (B) Discuss physiology of urine formation.
 (C) Describe female reproductive cycle in detail.
- 6 Answer the following questions : 13
 (A) Draw labelled diagram of brain. 7
 (B) Draw labelled diagram of male reproductive system. 6
- 7 Answer the following questions : 13
 (A) Explain physiological role of androgens. 7
 (B) Describe physiology of thyroid hormones. 6
- 8 Answer the following questions : 13
 (A) Draw labelled diagram of kidney and nephron. 7
 (B) Explain following terms : (Each carries one mark) 6
 (a) Gigantism (b) Gynaecomastia
 (c) Kidney stone (d) Virilism
 (e) Grave's disease (f) Infertility.