

Roll No.

Total No. of Pages : 02

Total No. of Questions : 10

B.Pharma (2012 to 2016) (Sem.2)
ANATOMY, PHYSIOLOGY AND HEALTH EDUCATION-I
Subject Code : BPHM-204
M.Code : 46214

Time : 3 Hrs.

Max. Marks : 80

INSTRUCTION TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of FIFTEEN questions carrying TWO marks each.
2. SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.
3. SECTION-C contains FOUR questions carrying TEN marks each and students have to attempt any THREE questions.

SECTION-A

1. Discuss briefly :

- a) Causative agents of measles and leprosy
- b) Pacemaker
- c) Synovial joint
- d) Two characteristics of a muscle
- e) Osteoblasts
- f) Sarcomere
- g) Cardiac output
- h) Blood coagulation
- i) Two special joint movements
- j) Rabies
- k) Electrocardiogram

- 1) Lymphomas
- m) Osteoporosis
- n) Poliomyelitis
- o) Red blood cell

SECTION-B

- 2. Classify blood group. What is the clinical significance of blood group typing?
- 3. Enlist the functions of :
 - a) Lymphatic system
 - b) Cell membrane
- 4. Briefly discuss the causative agents and modes of transmission of following :
 - a) AIDS
 - b) Tuberculosis
- 5. Draw a well labelled diagram of a :
 - a) Neuron
 - b) Human heart
- 6. Differentiate between cardiac muscle tissue and smooth muscle tissue.

SECTION-C

- 7. Describe the physiology of skeletal muscle contraction.
- 8. Classify and describe connective tissues along with their characteristics.
- 9. Define Blood Pressure. Discuss the neural and renal regulation of blood pressure.
- 10. Write short notes on :
 - a) Spongy bone
 - b) Structure of cell and its components

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.