

**Roll No.**

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**Total No. of Pages : 02**

**Total No. of Questions : 10**

## B.Pharma (Sem.2)

# ANATOMY, PHYSIOLOGY AND HEALTH EDUCATION-I

**Subject Code : BPHM-204**

**M.Code : 46214**

**Date of Examination : 20-12-22**

**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. Answer briefly :**

- a) Differentiate Arteries and Veins.
- b) What is cardiac cycle?
- c) What are the disorders related to clotting?
- d) What is Anatomy and Physiology?
- e) What is arthritis?
- f) What are the functions of lysosomes?
- g) Classify different connective tissues.
- h) What is the role of calcium in muscle contraction?
- i) What are clotting proteins?
- j) What are the different components of lymphatic system?
- k) What is blood pressure?

- l) What are the causative agents of syphilis and gonorrhoea?
- m) What is diastole and systole?
- n) What are the functions of atrial valves?
- o) What is significance of Rh blood grouping?

### **SECTION-B**

- 2. Draw and label Neuron.
- 3. Differentiate different types of Joints.
- 4. What are the functions of lymphatic system?
- 5. What are the tissues that exhibit automaticity in heart? Why SA is called pacemaker of heart?
- 6. Write a brief note on Chicken pox.

### **SECTION-C**

- 7. What are the different parts of a cell? Explain the structure and function of plasma membrane.
- 8. Explain the structure of heart in detail.
- 9. Explain the different components of blood along with their functions.
- 10. Write a note on AIDS.

**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.**