Roll No. | | | | | | | | | | | | Total No. of Pages : 01

Total No. of Questions : 08

B.Pharma (2017 & Onwards) (Sem.-1)

HUMAN ANATOMY AND PHYSIOLOGY-I

Subject Code : BP-101T

M.Code : 74644

Time : 2 Hrs. Max. Marks : 37.5

INSTRUCTIONS TO CANDIDATES :

1. **Attempt any FIVE question(s), each question carries 7.5 marks.**

1. Describe the process of skeletal muscle contraction. What is the role of calcium and ATP in physiology of skeletal muscle contraction?
2. Explain the clinical significance of blood grouping. Describe the intrinsic and extrinsic pathways involved in blood coagulation.
3. Classify and describe epithelial tissues along with their characteristics.
4. Define Blood Pressure? Explain the neural regulation of blood pressure.
5. Explain the process of homeostasis with the help of example.
6. Differentiate between active and passive transport processes across cell membrane.
7. Draw a well labelled diagram of a :
   a) Neuron
   b) Cell membrane
8. Discuss briefly the physiology of hearing.

Note: Any student found attempting answer sheet from any other person(s), using incriminating material or involved in any wrong activity reported by evaluator shall be treated under UMC provisions.

Student found sharing the question paper(s)/answer sheet on digital media or with any other person or any organization/institution shall also be treated under UMC.

Any student found making any change/addition/modification in contents of scanned copy of answer sheet and original answer sheet, shall be covered under UMC provisions.