

B. Pharm. (CBCS Pattern) Semester-I
BP101T - Human Anatomy and Physiology-I

P. Pages : 1

Time : Three Hours



GUG/S/25/10870

Max. Marks : 75

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- Notes :
1. Diagrams and Chemical equation should be given wherever necessary.
 2. Illustrate your answers wherever necessary with the help of neat sketches.
 3. All questions are compulsory.

1. Answer the following compulsory. **2x10**
=20
 - a) Define anatomy and physiology.
 - b) Give the functions of Gustation's.
 - c) Give the functions of eye.
 - d) Classify the connective tissue.
 - e) What is extracellular signaling.
 - f) What is mitochondria draw its diagram.
 - g) What is blood vessels, give its functions.
 - h) Give the composition of blood.
 - i) Give the composition of lymph.
 - j) Give the classification of axial skeletal system.

2. Solve the following **any two** **2x10**
=20
 - a) What is homeostasis; give the positive feedback mechanism.
 - b) Describe in detail "silent features and functions of axial skeletal system"
 - c) Describe the circulation and functions of lymphatic system.

3. Solve the following **any seven** **7x5**
=35
 - a) Write a short note on myocardial infarction.
 - b) Write in brief about cell junctions.
 - c) Describe nervous tissue.
 - d) Give the classification and silent features of articulation.
 - e) Explain the regulation of blood pressure.
 - f) Write structure and function of ear.
 - g) Give the origin and functions of spinal nerves.
 - h) Give the functions of sympathetic nervous system.
 - i) Describe in brief the anatomy of heart.
