

School of Medical and Allied Sciences

**Bachelor of Pharmacy
Semester End Examination - Jul 2024**

**Duration : 180 Minutes
Max Marks : 75**

Sem I - BP101T - Human Anatomy and Physiology I

General Instructions

Answer to the specific question asked

Draw neat, labelled diagrams wherever necessary

Approved data hand books are allowed subject to verification by the Invigilator

- 1) Demonstrate anatomy of skin. K2 (2)
- 2) Classify lymph as a part of defense of human body. K2 (2)
- 3) Define homeostasis. K1 (2)
- 4) Classify the forms of intracellular signaling. K2 (2)
- 5) Define cell injury. K1 (2)
- 6) Summarize about different types of bones K2 (2)
- 7) What are different types of tissues? K1 (2)
- 8) Summarize the functions of skeletal system. K2 (2)
- 9) Define histopathology. K1 (2)
- 10) What is life process? K1 (2)

- 11) Apply the structure and function of tongue. K3 (5)

- OR**
- Identify the forms of intracellular signaling. K3 (5)

- 12) Apply the structure and functions of eye and their disorders. K3 (5)
- 13) List of blood compositions with functions. K4 (5)
- 14) Identify the structure and function of nose. K3 (5)
- 15) List the events in cardiac output. K4 (5)

- 16) Analyze the recent advancement in cardiovascular imaging, cardiovascular function monitoring. K4 (5)

- OR**
- Analyze the regulation of blood pressure. K4 (5)

- 17) Analyze the recent advancement in monitoring of special senses. K4 (5)

18) Discuss the functions of bones of axial and appendicular skeletal system in detail. K6 (10)

19) Assess the cell division process in detail. K5 (10)

OR

Determine the intracellular signaling pathway activation by extracellular signal molecule. K5 (10)