



**BBA-014-1041001**      Seat No. \_\_\_\_\_

**M. P. M. (Sem. I) (WEF-2017) Examination**

**July - 2021**

**Human Anatomy and Physiology-I (BP-101)**

**Faculty Code : 014**

**Subject Code : 1041001**

Time : 3 Hours]

[Total Marks : 75

**Instructions :** (1) Draw neat and labelled diagram wherever necessary.

(2) Numbers to the right indicates full marks for the respective question.

**1** Answer the following questions in brief. (Each questions **20** carries 2 marks).

(1) Define :

(i) Human anatomy      (ii) Human physiology.

(2) Enlist any 6 organ systems of human body.

(3) Define :

(i) Homeostasis      (ii) Hemopoiesis.

(4) Enlist and explain types of ribs in human skeleton system.

(5) Draw a labelled diagram of bones of upper limb.

(6) Enlist different functions of lymphatic system.

(7) Define cell division and enlist phases of cell division.

(8) Classify peripheral nervous system.

(9) Explain any two blood disorders in brief.

(10) Draw a labelled diagram of skin layers.

- 2** Answer the following question in detail : (any **two**) **20**
- (1) Draw labelled diagram of inner view of heart. Explain Cardiac cycle in detail.
  - (2) Explain composition of blood in detail and prepare a short note on mechanism of blood coagulation.
  - (3) Classify joints with examples. Write a detailed note on synovial joints.
- 3** Describe drugs for following diseases/ about topic in detail. (any **seven**) **35**
- (1) Write a short note on transport across cell membrane.
  - (2) Explain in detail about physiology of muscle contraction process.
  - (3) Prepare a note on physiology of hearing with diagram.
  - (4) Discuss ECG in detail.
  - (5) Short note : Blood grouping.
  - (6) Differentiate sympathetic nervous system and parasympathetic nervous system.
  - (7) Draw labelled diagram of human cell. Explain its structure and functions.
  - (8) Draw a labelled diagram of (1) Skull bones  
(2) Lower limb.
  - (9) Define tissue. Explain different types of Epithelial Tissue with labelled diagram.
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