

FIRST YEAR PHARM. D. Winter - 2021
SUBJECT: HUMAN ANATOMY AND PHYSIOLOGY

Day Monday
Date 06-12-2021

W-5724-2021

Time 10:00 AM-01:00 PM
Max. Marks. 70

N.B.

- 1) Question no. 1 and 5 are **COMPULSORY**. Out of remaining, solve **ANY TWO** questions from each section
 - 2) Draw neat labelled diagram **WHEREVER** applicable.
-

SECTION-I

- Q.1** A) Solve **ANY FOUR** of the following **(08)**
a) Note on lymphatic tissue
b) Describe skeleton muscle
c) Note on blood clotting
d) Define and enlist different parts of cell
e) Note on ball and socket joint.
- B) Describe Structure and functions of spleen. **(03)**
- Q.2** Define Tissue. Enlist Different types of tissues. Explain in detail connective tissue. **(12)**
- Q.3** A) Discuss conduction system of heart. **(07)**
B) Note on lymph node **(05)**
- Q.4** Write a note **ANY THREE** **(12)**
a) Rh system of Blood group
b) Active transport and passive transport.
c) ECG
d) Functions of stomach

SECTION -II

- Q.5** A) Solve **ANY FOUR** **(08)**
a) Structure of neuron
b) Explain Oogenesis
c) Write functions of Skin
d) Note on Urinary System
e) Write a Note on Pituitary gland
- B) Physiology of Vision. **(03)**
- Q.6** Give Classification of nervous system and explain in detail sympathetic and parasympathetic system **(12)**
- Q.7** A) Explain in detail Eye Ball Structure **(07)**
B) Explain in detail process of spermatogenesis **(05)**
- Q.8** Write a Note on **ANY THREE** **(12)**
a) Nephron
b) Explain in Detail physiology of Urine formation.
c) Physiology of muscle contraction
d) Drugs and athletics .