Sub Code: BP101T

Paper Id: 150101 Roll No: | | | | | | | | | | | | | |

B. PHARM
(SEM- I) THEORY EXAMINATION 2019-20
HUMAN ANATOMY AND PHYSIOLOGY-I

Time: 3 Hours *Total Marks: 75*

Note: 1. Attempt all Sections. If require any missing data; then choose suitably.

SECTION A

1. Attempt *all* questions in brief. 10 x 2 = 20

a. Define Sagital & Coronal plane.
b. Write the function of Ribosome.
c. Define Osteoblast & Osteocalst.
d. Draw a well labeled diagram of Cell.
e. What is Catabolism and Anabolism?
f. Write about the two main function of Skin.
g. Write the name of pigment present in Rod and Cone cell.
h. Name the bones present in the Ear.
i. Write a short note regulation of blood pressure.
j. Define Optic disc.

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SECTION B

2. Attempt any *two* parts of the following: 2 x 10 = 20

a. Classify Skeletal system & discuss about the structure and functions of vertebral column.
b. Draw a neat labeled diagram of Heart. Explain in detail Cardiac cycle.
c. Define Cell division. Discuss about the somatic cell division in details.

SECTION C

3. Attempt any *five* parts of the following: 5 x 7 = 35

a. Write about the structure and function of Plasma Membrane.
b. Write a note on Erythropoiesis.
c. Write about the structure and function of Long bone.
d. Discuss about the mechanism and physiology of hearing.
e. Write a note on disorders related to heart.
f. Discuss in detail about lymph circulation and functions of lymphatic system.
g. Describe the mechanism of Blood Coagulation.