

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[BPHARM 0522]

MAY 2022

Sub. Code: 4253

(FEBRUARY 2022 EXAM SESSION)

**B. PHARMACY DEGREE EXAMINATION
FIRST YEAR – (NON-SEMESTER)
PAPER III – ANATOMY, PHYSIOLOGY AND HEALTH EDUCATION
*Q.P. Code: 564253***

Time: Three hours

Answer ALL questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Write the composition of Blood. Give the structure and functions of different formed elements. State the normal values of the formed elements.
2. a). Draw the structure of a Human Kidney and explain its internal structure
b) Explain the formation of Urine.

II. Write notes on:

(8 x 5 = 40)

1. Give notes on types of Joints.
2. Define Tissues and classify the Tissues.
3. Composition of Gastric juice and its functions.
4. Lung Volumes.
5. Give short notes on various methods of Family planning.
6. Briefly write about blood pressure and their regulation.
7. Functions of Skin.
8. Water soluble Vitamins.

III. Short answers on:

(10 x 2 = 20)

1. Functions of skeleton.
2. What are the various heart sounds?
3. Functions of saliva.
4. Short answer on balanced diet.
5. Give two names of male and female sex hormones.
6. Functions of Cerebellum.
7. Compositions of CSF.
8. Name the hormones of Adrenal gland.
9. Diseases associated with respiratory system.
10. What are rods and cones?
