

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

[BPHARM 0122]

**JANUARY 2022
(AUGUST 2021 EXAM SESSION)**

Sub. Code: 4253

**B.PHARMACY DEGREE COURSE (NON-SEMESTER EXAMINATIONS)
FIRST YEAR (Regulation 2009-2010)
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. Anatomy and Physiology of Heart. Discuss the circulation system of Heart.
2. a) Write the composition and functions of Blood.
b) Discuss about the mechanism of Blood coagulation.

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. Draw the neat diagram of Kidney and its functions.
5. Give short notes on various methods of Family planning.
6. Briefly write about blood pressure and their regulation.
7. Discuss the causative agent, modes of transmission and prevention of AIDS.
8. Write a note on Hormones of Adrenal gland.

III. Short answers on:

(10 x 2 = 20)

1. Functions of skeleton.
2. What are the various heart sounds?
3. Composition of saliva and its functions.
4. Short answer on balanced diet.
5. Give two names of male and female sex hormones.
6. Lung volumes.
7. Water Soluble Vitamins.
8. Cerebellum.
9. Diseases associated with respiratory system.
10. What are rods and cones?
