

Rajiv Gandhi University of Health Sciences, Karnataka
Second Semester B.Pharm Degree Examination – 23-Oct-2024

Time: Three Hours

Max. Marks: 75

Human Anatomy and Physiology-II
Q.P. CODE: 5005

Your answers should be specific to the questions asked

Draw neat labeled diagrams wherever necessary

All the questions are compulsory

LONG ESSAYS

2 x 10 = 20 Marks

1. Classify nervous system. Explain the functional areas of cerebrum with the help of neat labelled diagram.
OR
Draw a neat labelled diagram of nephron. Explain the physiology of urine formation.
2. Explain in detail the mechanism and regulation of respiration.

SHORT ESSAYS

7 x 5 = 35 Marks

3. Write the composition and functions of cerebrospinal fluid.
OR
Explain the anatomy and physiology of pancreas.
4. List out the organs of respiratory system. Explain the anatomy of lungs.
OR
Explain spermatogenesis.
5. Explain the structure and functions of parathyroid gland.
6. Explain digestion and absorption of carbohydrates, proteins and fats.
7. Explain the different stages involved in menstrual cycle.
8. Describe the protein synthesis.
9. Write a note on artificial respiration and resuscitation methods.

SHORT ANSWERS

10 x 2 = 20 Marks

10. Define Tidal volume and vital capacity.
11. Write the functions of saliva.
12. Define Liver cirrhosis and Hepatitis.
13. Define Acromegaly and Pheochromocytoma.
14. Define Neuronal electrophysiology and action potential.
15. Define Oogenesis and parturition.
16. List out the functions of neuron and neuroglia
17. Write the composition and functions of bile.
18. Write two functions of afferent and efferent nerve tracts
19. Name the hormones of adrenal cortex.
