

Rajiv Gandhi University of Health Sciences, Karnataka
Second Semester B.Pharm Degree Examination – 11-Nov-2021

Time: Three Hours

Max. Marks: 75 Marks

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. With a neat labelled diagram describe the structure of Nephron. Explain physiology of Urine formation

OR

Describe anatomy of Pituitary gland and explain its hormones with negative and positive feedback mechanism

2. Draw a neat labelled diagram of Brain. Write two functions of cerebrum and cerebellum.

SHORT ESSAYS

7 x 5 = 35 Marks

3. Explain the structure and functions of small intestine

OR

Explain the regulation of respiration

4. Write the anatomy and functions of Liver

OR

Describe the composition and functions of Cerebrospinal fluid

5. Explain various stages involved in menstrual cycle.
6. Explain endocrine secretions of pancreas and their functions.
7. Explain digestion and absorption of carbohydrates, proteins and fats.
8. With a neat labelled diagram. Explain anatomy of Lungs.
9. Explain the organs and functions of Male reproductive system.

SHORT ANSWERS

10 x 2 = 20 Marks

10. Explain Hyperthyroidism and Hypothyroidism.
11. Write the functions of oxytocin.
12. Define i) Total lung volume ii) Fertilization
13. Name the ventricles of the brain.
14. List out the organs involved in urinary system.
15. What is artificial respiration?
16. Name different sex hormones.
17. What is Bile and give its role in Digestion.
18. Draw a neat labelled diagram of Neuron.
19. Functions of Thyroxine.
