

Rajiv Gandhi University of Health Sciences, Karnataka

Second Semester B.Pharm Degree Examination – 29-May-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. Explain the anatomy of lungs and give the mechanism of respiration.

OR

Explain the structure and functions of spinal cord.

2. With the help of neat labelled diagram explain the structure and functions of pancreas

SHORT ESSAYS

7 x 5 = 35 Marks

3. Classify and write the properties of nerve fibre.

OR

Explain mechanism of absorption of nutrients in gastrointestinal tract

4. Explain the structure and functions of salivary glands

OR

Explain various lung volumes

5. Explain the structure and functions of parathyroid gland.

6. Write the physiology of urine formation.

7. Explain spermatogenesis.

8. Explain artificial respiration and resuscitation methods.

9. Define protein synthesis and explain genetic pattern of inheritance.

SHORT ANSWERS

10 x 2 = 20 Marks

10. List out the functions of cerebellum.

11. Write the structure of neuron.

12. Write the composition of CSF.

13. List out the functions of stomach.

14. Define Oogenesis and parturition.

15. Define pancreatitis and liver cirrhosis.

16. Write two disorders of kidney.

17. Define - a) Fertilization b) Synapse

18. Write the functions of thymus gland.

19. Define respiratory cycle and vital capacity.
