

Rajiv Gandhi University of Health Sciences, Karnataka

Second Semester B. Pharm Degree Examination – MAY 2018

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

LONG ESSAYS (Answer any Two)

2 x 10 = 20 Marks

1. Explain the functions of hypothalamus and medulla oblongata.
2. Explain the physiology and regulation of respiration.
3. Describe anatomy of pituitary gland and explain its hormones with negative and positive feed back mechanism.

SHORT ESSAYS (Answer any Seven)

7 x 5 = 35 Marks

4. Describe anatomy of spinal cord.
5. Explain digestion and absorption of carbohydrates, proteins and fats.
6. Describe nephron with neat labelled diagram.
7. Define-Cushing's syndrome, Addison's disease, Acromegaly, Pheochromocytoma, Diabetes insipidus.
8. Explain the formation and role of ATP.
9. Define lung volume, and capacities along with normal values.
10. Explain the organs and functions of male reproduction system.
11. Explain the stages of pregnancy.
12. Describe spermatogenesis.

SHORT ANSWERS (Answer All)

10 x 2 = 20 Marks

13. Write the functions of thymus gland.
14. Write the function of medulla oblongata.
15. Define constipation and diarrhea.
16. Mention the different methods of artificial respiration.
17. List the functions of cerebellum.
18. Mention the functions of pineal gland.
19. Explain genetic pattern of inheritance.
20. Define reflux arc.
21. Composition and functions of bile.
22. Define parturition.
