

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Optometry Degree Examination - 30-May-2024

Time: Three Hours

Max. Marks: 100 Marks

GENERAL ANATOMY AND GENERAL PHYSIOLOGY (RS-4)

Section B: GENERAL PHYSIOLOGY– (50 Marks)

Q.P. CODE: 3342

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

(Note: Both QP Codes 3341 and 3342 are to be answered within total duration of 3 hours)

LONG ESSAYS (First Question Choice)

1 x 10 = 10 Marks

1. List the endocrine glands and hormone secreted by them. Write briefly the action and function of adrenal hormones.

Or

Mention digestive juices. Discuss composition, function, phases and regulation of gastric juice.

SHORT ESSAYS (Question No 5 choice)

5 x 5 = 25 Marks

2. Functions of Cerebellum.
3. Spermatogenesis.
4. Lung volumes and capacities and their normal values.
5. Define cardiac output. Mention the factors regulating cardiac output.

Or

Name clotting factors. Discuss mechanism of blood clotting.

6. Blood pressure and its regulation.

SHORT ANSWER (Question No. 10 choice)

5 x 3 = 15 Marks

7. Functions of cerebrospinal fluid.
8. J G apparatus.
9. Functions of skin.
10. Platelet and its function.

Or

Blood groups.

11. Content and functions of middle ear.
