

Rajiv Gandhi University of Health Sciences, Karnataka

VIII Semester B. Pharm Degree Examination – 01-Jul-2022

Time: Three Hours

Max. Marks: 75 Marks

DIETARY SUPPLEMENTS AND NUTRACEUTICALS

Q.P. CODE: 5044

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 tocopherols with examples and write about their occurrence? Explain their biological properties.

OR

Describe the free radical theory of ageing along with examples.

2. Define Hypertension and Stress. Write the Pathogenesis and Nutraceuticals used for the control of Hypertension and Stress.

SHORT ESSAYS

7 x 5 = 35 Marks

3. Define and classify nutraceuticals with examples

OR

What are the Sources and functions of proteins as functional foods?

4. Role of cereals as functional foods.

OR

What are complex carbohydrates? Give examples

5. Outline the process of aging and mention nutraceuticals used to reduce it.
6. What are the Sources and functions of proteins as functional foods?
7. What are synthetic antioxidants? Write their mode of action and uses
8. Role of cereals as functional foods.
9. Explain briefly the US FDA Food safety modernization act.

SHORT ANSWERS

10 x 2 = 20 Marks

10. What are the purposes of FSSAI?
11. Write the uses of rice bran as functional food.
12. List out nutraceuticals for child health.
13. Write the biological actions of catalase.
14. What are free radicals? Give examples.
15. Write the health benefits of spirulina.
16. Explain the role of complex carbohydrates as functional foods along with examples.
17. What are reactive oxygen species? Give examples.
18. Write the role of FPO.
19. Mention functional foods for prevention of ischemic heart disease.
