

# Rajiv Gandhi University of Health Sciences, Karnataka

## II Year Pharm-D Degree Examination – 21-Nov-2022

Time: Three Hours

Max. Marks: 70 Marks

### PHARMACOGNOSY & PHYTOPHARMACEUTICALS (RS & RS2)

#### Q.P. CODE: 2858

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 in detail the pharmacological and morphological classification of crude drugs with examples.
2. Describe the microscopical and powder microscopical characters of Liquorice with a neat labelled diagram.
3. Discuss in detail the various factors affecting cultivation of medicinal plants.

#### SHORT ESSAYS (answer any six)

6 x 5 = 30 Marks

1. Briefly note on conservation of medicinal plants.
5. Define adulteration and explain the various methods of adulteration.
6. Discuss Pyrethrum and Neem as natural pesticides.
7. Explain the method of cultivation and collection of Cinchona.
8. What are surgical dressings? Explain plant fibers used in surgical dressings.
9. Write the source, method of preparation and identification tests for Agar.
10. Explain with a neat labeled diagram the anatomy of Fennel.
11. Give the source, method of preparation and uses of Olive oil and Sesame oil.

#### SHORT ANSWERS

10 x 2 = 20 Marks

12. List out the secondary metabolites of plants.
13. Write the chemical tests for Lignin and Mucilage.
14. Write the importance of Pharmacognosy.
15. Define rancidity and unsaponifiable matter.
16. What are bio-fertilizers? Explain their role in cultivation of crude drugs.
17. Give the difference between substitute and official drug with example.
18. Give the source, constituents and uses of Ephedra.
19. Define carbohydrates. Give some examples for disaccharides.
20. What are conjugated proteins? Give examples.
21. Give the source and chemical constituents of anti-leprotic drugs.

\*\*\*\*\*