Rajiv Gandhi University of Health Sciences, Karnataka

I Year B. Pharm Degree Examination – 21-Jan-2020

Time: Three Hours **Max. Marks: 70 Marks**

PHARMACOGNOSY – I (RS - 4)
Q.P. CODE: 2627

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. Classify crude drugs based on their chemical and morphological nature along with suitable examples.
2. Define cultivation and explain about method cultivation of Opium and Cinchona.
3. Discuss the biological source, method of production, chemical constituents and uses of castor oil and cod liver oil.

SHORT ESSAYS (Answer any Six) **6 x 5 = 30 Marks**

4. Write the scopes of Pharmacognosy.
5. Explain the taxonomical features of plants belongs to Solanaceae.
6. Discuss in detail about pyrethrum as natural pesticide.
7. Write in detail about the biological source, chemical constituents, uses and method of production of Agar.
8. Discuss in detail about the microscopy of eugenol containing flower bud.
9. Define fibre and classify them with suitable examples. Explain the method of production of surgical cotton.
10. Discuss the morphology of Ginger and Ephedra.
11. Define pest and discuss the various methods used for pest control.

SHORT ANSWERS **10 x 2 = 20 Marks**

12. List out the general properties of resins.
13. Write the biological source and chemical constituents of the drug used as an antileprotic.
14. Explain the chemical test used to identify the adulterant in honey.
15. What are fats, oils and wax? Give suitable examples for each.
16. Explain the chemical tests used to differentiate Siam benzoin from Sumatra benzoin.
17. Write in brief about ergastic subtances of the cell.
18. Write the method involved in the production of Pectin.
19. Write about various methods of collection of barks.
20. Give important examples for the harmful adulteration of crude drugs.
21. Give the biological source, chemical constituents and therapeutical uses of Nux-Vomica.

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