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Rajiv Gandhi University of Health Sciences, Karnataka

II Year Pharm-D Degree Examination – NOV 2016

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

PHARMACOGNOSY & PHYTOPHARMACEUTICALS

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. Discuss in detail the factors affecting cultivation, collection & processing of Crude drugs.
2. Describe the microscopic characters of Senna and Nux-vomica
3. What are Lipids? Describe their method of extraction, chemistry and method of analysis.

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

4. Morphology of Cassia and Cinchona bark.
5. Give the source, constituents and uses of Sterculia and Sodium alginate.
6. Describe the cultivation of Opium.
7. Chemical classification of Crude drugs.
8. Write the source, constituents and uses of Castor oil and Spermaceti.
9. Write the History of Pharmacognosy.
10. Classify Proteins with examples. Write the general tests for Proteins.
11. Pyrethrum as a natural pesticide

SHORT ANSWERS (Answer All) **10 x 2 = 20 Marks**

12. What are Umbelliferous fruits?
13. Define Organized and Unorganized drugs.
14. Scope of Pharmacognosy.
15. Chemical tests for Agar.
16. Mulching process
17. Types of Stomata
18. What is Collagen? Mention its uses.
19. Define Swelling factor.
20. Name the drug contains Plasmodesmata and write its uses.
21. Mention the source and chemical constituents of Cocoa butter.

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