

Rajiv Gandhi University of Health Sciences
First Year M.Pharm Degree Examination – May 2013

[Time: 3 Hours]

[Max. Marks: 100]

INDUSTRIAL PHARMACOGNOSY**(Revised Scheme 2)****Q.P. CODE: 9213**

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY (Answer any TWO)**2 X 20 = 40 Marks**

1. Write the industrial methods of production and estimation of L – Dopa from Mucuna prurines and psoralein from psoralea corylifolia
2. Explain WHO guidelines for assessment of crude drugs the evaluation of their identity, purity and quality
3. Emphasise the factors affecting the stability of herbal formulations write the assessment of shelf life study, stabilization of herbal based products according to ICH guidelines

SHORT ESSAY (Answer any FIVE)**5 X 10 = 50 Marks**

4. Gums and hydrophilic colloids from natural origin and their applications
5. Preparation and standardization of skin care cosmetics
6. Significance of herbal monographs in Herbal Pharmacopeia
7. Industrial methods of production of Glycyrrhizinic acid and its other derivatives
8. Clinical evaluation techniques of herbal products
9. Factors affecting the herb quality

SHORT NOTES**2 X 5 = 10 Marks**

10. GLP in herbal drug industry
11. Estimation of curcumin by HPTLC

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