

September 2010

[KX 338]

Sub. Code: 2874

M.PHARM. DEGREE EXAMINATION

(Regulations 2006)

(Candidates admitted from 2006-2007 onwards)

FIRST YEAR

Branch VIII – PHYTOPHARMACY AND PHYTOMEDICINE

Paper III – HERBAL DRUG DEVELOPMENT OF STANDARDISATION

Q.P. Code : 262874

Time : Three hours

Maximum : 100 marks

Answer All questions

I. Essay Questions :

(3 x 20 = 60)

1. a) Briefly discuss on GMP for the production of quality botanicals.
b) Define extraction. Highlight various methods of extraction with merits and demerits.
2. a) Describe the methods involved in standardization of herbal raw materials.
b) Add a note on L-dopa from *Mucuna pruriens*.
3. a) Write the methods of purification and solvents utilizing the New Modern methods of technique in industries.
b) Describe the OECD 423 guidelines for determination of acute toxicity study of Herbal drugs.

II. Write Short Notes :

(8 x 5 = 40)

1. Standardization of Green Tea.
2. Merits and demerits of methods of Drying.
3. Toxicity studies of herbal extracts.
4. Stability studies of herbal formulation.
5. Preparation of skin care cream and lotion.
6. Regulatory provisions relating to manufacture of cosmetics.
7. Skin sensitivity testing.
8. Hair care preparations.
