

[LI 353]

APRIL 2016

Sub. Code: 2914

**M.PHARM. DEGREE EXAMINATION
FIRST YEAR
BRANCH V – PHARMACEUTICAL ANALYSIS
PAPER II – PHARMACEUTICAL AND COSMETIC ANALYSIS**

Q.P. Code: 262914

Time: Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Write the principle and procedures involved in the assay (IP 2007) of:
 - a) Atenolol Tablets
 - b) Calcium Gluconate Tablets
 - c) Metronidazole Tablets
 - d) Sulphamethoxazole
2. a) Explain toxicity testing of Skin care cosmetics.
b) Describe about ISI specification of soaps.

II. Write notes on:

(10 x 6 = 60)

1. Explain about the impurities affect the drugs stability and therapeutic action.
2. ISI specification of aftershave lotion.
3. Identification and determination of preservatives in formulations.
4. ISI specification of dental products.
5. In process quality control of capsules.
6. Write notes on sampling of cosmetics.
7. Discuss about SPE.
8. ISI specification of baby shampoos.
9. ICH guidelines for stability studies of drugs.
10. ISI specification of lipsticks.
