

[LH 353]

OCTOBER 2015

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. Discuss the methodology involved for sampling and testing by the Indian standards for cosmetics in the finished form.
2. How the following are determined in the finished form as per the specifications recommended by the Bureau of Indian Standards?
 - a) Face powder
 - b) Shampoo

II. Write notes on:

(10 x 6 = 60)

1. Write identification and quantitative determination of colouring materials in formulations.
2. Write an account on Shelf life prediction.
3. Write quality control tests for Dental products.
4. Write note on personal hygiene products.
5. What are Complexometric titrations? Explain the principle and procedure for any one drug determined by this assay method.
6. How is the efficacy of Body care products determined?
7. Write the principle and procedure involved in the assay of Ibuprofen.
8. Write the ICH Guidelines for the determination of impurities in drugs.
9. Bureau of Indian standards specifications for Nail polish.
10. Quality control tests for Ointments.
