

Printed Pages : 3



BOP243

(Following Paper ID and Roll No. to be filled in your Answer Book)

PAPER ID : 150409

Roll No.

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B. Pharm.

(SEM. IV) THEORY EXAMINATION, 2014-15
PHARMACEUTICS - V (COSMETIC TECHNOLOGY)

Time : 3 Hours]

[Total Marks : 70

Note: all questions are compulsory.**1** Attempt **any Two** of the following: **7×2=14**

- Draw a neat and labelled diagram of skin and also explain percutaneous absorption.
- Write a detail note on functional excipient used in cosmetics with example.
- Give the classification of cosmetics with their suitable example.

2 Attempt **any four** of the following: **3.5×4=14**

- Explain the dermal and ocular corrosiveness caused by cosmetics with it's symptoms.
- Explain the photo induced toxicity caused by cosmetics ingredient with it's mechanism.
- Explain the method of preparation, and evaluation of following cosmetics.

1. R_x

White beeswax

Liquid paraffin

Borax

Water

Perfume

Make a cream

- (d) What is the correlation between oxidation and aging process explain and give example of natural antioxidants.
- (e) What is the basic difference between cold cream and vanishing cream.

3 Attempt **any four** of the following: **3.5×4=14**

- (a) Explain the formulation and method of preparation of lipstick.
- (b) Write a detail note on the formulation ingredient used in nail lacquer.
- (c) Give method of preparation, and use of each ingredient.

R_x

Precipitated calcium carbonate

Glycerin

Propylene glycol

Gum tragacanth

Saccharin sodium

Sodium lauryl sulphate

Water

Flavour, preservatives

Make a toothpaste.

- (d) Elaborate formulation of shaving and after shaving products.

- (e) Give method of preparation and use of each ingredient.

R_x

Sodium lauryl sulphate

Sodium chloride

Water

Perfume

Make a shampoo.

4 Attempt **any Two** of the following: **7×2=14**

- (a) Write a short note on antiperspirant and deodorant.
- (b) Explain the stability studies carried out for finished cosmetic product.
- (c) Explain the microbial quality test of cosmetics.

5 Attempt **any Four** of the following: **3.5×4 =14**

- (a) Briefly explain the natural depigmentation agent with their mechanism.
- (b) Give the formulation of herbal face pack and herbal face wash.
- (c) What is the difference between creams and gel.
- (d) Explain the type of hair colour and natural hair colour with suitable example.
- (e) Write the formula of herbal skin conditioner and hair conditioner.