



(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

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

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

- (a) Explain the dermal and ocular corrosiveness caused by cosmetics with it's symptoms.
- (b) Explain the photo induced toxicity caused by cosmetics ingredient with it's mechanism.
- (c) 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.