**SHAMBHUNATH INSTITUTE OF PHARMACY, ALLAHABAD**

**B.Pharm, IVth Sem**

**Cosmetics Technology (BOP-243)**

**SECTION- A (2 marks)**

1. Define cosmetics.
2. Explain plasticizer with suitable examples.
3. Define colorants with examples.
4. Discuss humectants and thickeners.
5. DMSO is used as percutaneous absorption enhancerabsorption enhancer in preparation of cosmetics…….(True/False)
6. Give examples of emulsifying agents used in creams.
7. Write any one formulation of baby shampoo or baby soaps.
8. Explain antioxidants.
9. Differences between face pack and face wash.
10. Ideal characteristics of baby care products.
11. What do you mean by exfoliation.
12. Repeated dose toxicity.
13. What is SPF?
14. Define carcinogenicity.
15. Discuss the evaluation of baby shampoo.

**SECTION- B (10 marks)**

1. Write a note on function and composition of skin.
2. Draw a neat and labeled diagram of human skin and also explain percutaneous absorption.
3. Define the term cosmetics. How will you classify cosmetics? Write down the ideal properties of cosmetics.
4. What do you know about vanishing cream? Write the qualities of an ideal vanishing cream. Describe the formulation of vanishing cream.
5. Write down the preparation and use of face powder or cleansing lotion.
6. Explain the dermal and ocular corrosiveness caused by cosmetics with it’s symptoms.
7. Explain photoinduced toxicity caused by cosmetics ingredient with it’s mechanism.
8. What is the basic difference between cold cream and vanishing cream?
9. What are moisturizing lotions? How will you evaluate a moisturizing lotion with respect to its function and physical characteristics?
10. Discuss in detail about the role of exfoliating agents and anti aging agents.
11. Write a short note on : (i) humectants, (ii) face pack
12. Explain formulation ingredient and method of preparation of baby soaps.
13. Write in detail about the formulation and evaluation of cold cream
14. Classify cosmetics and discuss about baby care product with example.
15. Explain the method of preparation and evaluation of following cosmetics

Rx

White bees wax

Liquid paraffin

Borax

Water

Perfume

Make a cream

**SECTION-C (15 marks)**

1. Discuss in detail about nutrition and care of skin and common disorder of the skin.
2. Write a detailed note on functional excipient used in cosmetics with examples.
3. Provided to you is the following formula:

Stearic acid- 15.00 gm

Cetyl alcohol- 0.50 gm

Sodium hydroxide- 0.36 gm

Triethanolamine- 1.20 gm

Glycerin- 8.00 gm

Water- 69.94 gm

Preservative- q.s.

Perfume- q.s.

1. How will you prepare vanishing cream by above formula?
2. Mention the purpose of each ingredient in the above formula.
3. Give one quality control test for vanishing cream.