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Total Number of Pages : 01

B. Pharm
BP809ET

8th Semester Regular / Back Examination 2021-22

COSMETIC SCIENCE

BRANCH(S): B. PHARMA

Time : 3 Hour

Max Marks : 75

Q.Code : J036

Answer Question No.1 (Part-1) which is compulsory, any eight from Part-II and any two from Part-III.

The figures in the right hand margin indicate marks.

Part-I

Q1 Answer the following questions : (2×10)

- Define cosmetics as per Indian regulations and European Union.
- Differentiate cosmetics and cosmeceuticals product.
- Why cosmetics are quasi drugs?
- What is product information file? Write its importance.
- Define comedogenic and dermatitis. Name the types of dermatitis.
- What is SPF? Give example
- How is skin hydration measured?
- Write the causes of acne.
- Write the cosmetic application of turmeric and aloe Vera.
- What is hair combing properties.

Part-II

Q2 Focused-Short Answer Type Questions- (Answer Any Seven) (5×7)

- Discuss the growth cycle of hair.
- Discuss the different skin conditions and its causes. How you keep your skin in good condition?
- Describe the evolution of cosmeceuticals from cosmetics.
- Discuss the basic structure of hair. Write the three types of hairs found in human beings.
- Define hair conditioner. Discuss the type of hair conditioners.
- Discuss the general ingredients used in moisturizing cream.
- Discuss the causes and factors responsible for dry skin. Write in brief about the preventive measures of dry skin.
- Explain the mechanism of action of deodorants.
- What is TEWL and how it is measured.

Part-III

Long Answer Type Questions (Answer Any Two)

- Q3** Name the excipients used in cosmetics formulation. Classify the surfactants and discuss the application in cosmetics. (10)
- Q4** Discuss the common problems of oral cavity. (10)
- Q5** Describe the structure and functions of skin with neat diagram. (10)
- Q6** Discuss the BIS general specification of Shampoo. (10)

B PHARM
(SEM VIII) THEORY EXAMINATION 2022-23
COSMETIC SCIENCE

Time: 3Hours**Total Marks: 75****Note:** Attempt all Sections. If require any missing data; then choose suitably.**SECTION A**

1. Attempt all questions in brief. 10 x 2 = 20

- (a) Define SPF.
- (b) Write the names of two common problems associated with teeth and gums.
- (c) Describe prickly heat.
- (d) What are mouthwashes?
- (e) What is the role of Neem & Clove in oral care products?
- (f) Differentiate between shampoo and conditioner.
- (g) Write the names of various preservatives used in cosmetics.
- (h) What are the skin benefits of aloe and turmeric?
- (i) Define cosmetics with examples.
- (j) Write various applications of humectants.

SECTION B

2. Attempt any two parts of the following: 2 x 10 = 20

- (a) Write a detailed note on Principles of formulation and building blocks of Haircare products.
- (b) Explain basic structure of skin with neat labelled diagram. Write in detail functions of Skin.
- (c) Write a detailed note on Principles of formulation and building blocks of oral care products.

SECTION C

3. Attempt any five parts of the following: 5 x 7 = 35

- (a) Define and classify surfactants with example. Write applications of surfactants.
- (b) What is face wash? Enlist the ingredients used in face wash.
- (c) Differentiate between cold cream and vanishing cream.
- (d) Explain mechanism of action of antiperspirants and deodorants.
- (e) Write a brief note on various excipients used in cosmetics.
- (f) Write in detail about evolution of cosmeceuticals from cosmetics.
- (g) Give the symptoms and treatment of dry skin.



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BPHARM
(SEM VIII) THEORY EXAMINATION 2023-24
COSMETIC SCIENCE

TIME: 3 HRS**M.MARKS: 75**

Note: 1. Attempt all Sections. If require any missing data; then choose suitably.

SECTION A**1. Attempt all questions in brief.****10 x 2 = 20**

a.	Define Cosmetics per Indian Regulation.
b.	What do you mean by Rheology Modifiers? Give examples.
c.	Enlist the ingredients used in formulation of Face wash.
d.	What are Anti-perspirants? Name any two commercially available anti-perspirants.
e.	Define Sunscreen products. Give the significance of SPF-15
f.	Classify Ultraviolet Rays. How they affect human skin? Discuss
g.	Why evaluation of cosmetics is important? Describe in brief.
h.	What are Syndet bars? Give examples.
i.	Differentiate between Oily & Dry skin.
j.	Define the term Comedogenic.

SECTION B**2. Attempt any two parts of the following:****2 x 10 = 20**

b.	Define and classify cosmetic excipients. Discuss Humectants and Preservatives in details along with their applications.
c.	Describe the principle building blocks used in the formulation of Anti-dandruff Shampoo. Add a note on their application in formulation of cosmeceuticals.
	Write a descriptive note on BIS specification and Analytical methods of Skin Cream.

SECTION C**3. Attempt any five parts of the following:****7 x 5 = 35**

b.	Describe the principle, applications and advantages of Sebumeter.
c.	Write a descriptive note on cosmetic problems associated with hairs and scalp.
d.	Illustrate the structure of Skin. Describe its functions also.
e.	Compare and contrast formulation of Cold Cream and Vanishing Cream. Write about their advantages & disadvantages.
f.	Classify Sunscreen products. Describe the method to determine or measure SPF Number.
g.	Enumerate the types of Skin color. Highlights the various methods used for the measurement of skin color.
	Write a short note on i) Acne ii) Blemishes



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BPHARM
(SEM VIII) THEORY EXAMINATION 2024-25
COSMETIC SCIENCE

TIME: 3 HRS**M.MARKS: 75****Note:** 1. Attempt all Sections. If require any missing data; then choose suitably.**SECTION A****1. Attempt all questions in brief.****10 x 2 = 20**

a.	What are the labeling requirements for cosmetics under the Indian Drugs and Cosmetics Rules?
b.	What is Halitosis?
c.	Define cosmetics as per EU regulations.
d.	Enumerate the types of wrinkles.
e.	Write one formula for deodorant spray.
f.	What are Sebumeter?
g.	Give four causes for acne.
h.	What is acne?
i.	What is Xerosis?
j.	What is gingivitis?

SECTION B**2. Attempt any two parts of the following:****2 x 10 = 20**

a.	Classify hair care cosmetic preparations in detail.
b.	Explain the principle involved in the formulation of hair conditioners.
c.	How do you select suitable moisturizer for different types of skin and face? Explain the guidelines for its selection.

SECTION C**3. Attempt any five parts of the following:****7 x 5 = 35**

a.	Discuss the concept of cosmetics as quasi-drugs and over-the-counter (OTC) drugs. Provide examples of products that fall under each category.
b.	List out various cosmetic excipients. Discuss emollients and preservatives.
c.	Define cosmeceuticals. Discuss origin, categorization and international scenario of cosmeceuticals
d.	Discuss the role of herbs in oral care cosmetic preparations
e.	Discuss the role of Neem and Clove in oral care formulations.
f.	Compare and contrast cold creams and moisturizing creams with examples? Write their advantages and disadvantages.
g.	Explain formulation of conditioning shampoos.



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BPHARM
(SEM. VIII) THEORY EXAMINATION 2025-26
COSMETIC SCIENCE

TIME: 3 HRS**M.MARKS: 75**

Note: 1. Attempt all Sections. If you require any missing data; then choose suitably.

SECTION A

1. Attempt all questions in brief. **10 x 2 = 20**

a.	Classify cosmetics with examples.
b.	State the common problem associated with teeth and gums.
c.	State the principles of mouthwash formulation.
d.	Name the building blocks of teeth whitening agents.
e.	State the role of turmeric in skin care.
f.	What do you mean by BIS specifications?
g.	State the means to maintain proper TEWL for better skin health.
h.	State the working principle of the corneometer.
i.	Mention the levels of the comedogenic scale.
j.	Name the active ingredients of a deodorant.

SECTION B

2. Attempt any two parts of the following: **2 x 10 = 20**

a.	Describe the roles and applications of various classes of cosmetic excipients.
b.	Explain the roles of neem and clove in oral care formulations, with their merits, demerits, and applications.
c.	State and explain the causes and remedies of cosmetic problems associated with hair and scalp.

SECTION C

3. Attempt any five parts of the following: **5 x 7 = 35**

a.	Recommend the use of cosmetics as quasi and OTC drugs.
b.	State and explain the basic structure of hair and the hair growth cycle with neat schematic diagrams.
c.	Explain the applications of face washes and cold creams in the formulation of cosmeceuticals.
d.	State and explain the BIS specifications and analytical methods for shampoo.
e.	Describe the parameters used for the evaluation of TEWL and hair combing properties.
f.	Explain the causes related to dry skin and the measures to be taken for skin moisturization.
g.	Explain the active ingredients and mechanisms of action of antiperspirants and deodorants.