



Graphic Era
HILL UNIVERSITY
Established by an Act of the State Legislature of Uttarakhand (Adhiniyam Sankhya 12 of 2011)
University under section 2(f) of UGC Act, 1956

GEHU/04M/9.1.3

Sessional I (Even) Semester Examination, March 2025

Roll no.....

Name of the Course and semester: B.Pharma VIII Semester

Name of the Paper: Cosmetic Science

Paper Code: BP809ET

Time: 1.5-hour

Maximum Marks: 30

Note:

- (i) This question paper contains three sections
- (ii) All the sections are compulsory

Section-A

MULTIPLE CHOICE QUESTION

10X 1 = 10 MARKS

1.surfactants is known as a conditioning agent. CO1
A) Anionic B) Cationic
C) Non-ionic D) Amphoteric
2. A cosmetic product designed to remove dead cells from surface of skin is termed as CO-1
A) Humectants B) Exfoliant
C) Antioxidant D) Emollient
3. Chemically all humectants have something in common that is: CO-1
A) Hydroxyl group B) Ether group
C) Ester group D) Ketone group
4. Which of the following is not considered as cosmetic under FD & C Act ,sec 201(i) CO-1
A) Lipstick B) Soap
C) Perfumes D) Skin Moisturizer
5. In moisturizers, salicylic acid is incorporated..... CO-1
A) As antioxidant B) Even skin tone
C) As anti-ageing D) Heals acne

- 6 Zinc pyrithione in shampoo is used as..... CO-2
 A) Cleansing agent B) Anti-dandruff agent
 C) Thickening agent D) Smoothing agent
- 7 The first "conditioner in shampoo" using Polyquaternium-10 was formulated by CO-2
 A) L'Oréal B) Lakme
 C) Sunsilk D) Procter and Gamble
- 8 Acid value of hair oil as per Indian Standards is..... CO-2
 A) 1 B) 10
 C) 100 D) 50
- 9 Apocrine gland develops from theduring adolescence. CO-2
 A) Apocrine gland B) Thyroid gland
 C) Eccrine gland D) Liver
- 10is considered as liquid gold for treatment of hair split ends. CO-2
 A) Argan oil B) Coconut oil
 C) Olive oil D) Sesame oil

Section B

Short Questions: Attempt any two

2x5 = 10

1. Give an account of humectants. CO-1
2. Explain the hair growth cycle. CO-1
3. Write a descriptive note on hair dyes. CO-2

Section C

Long questions: Attempt any one

1x10 = 10

1. Define surfactants and classify with examples. Discuss the role of surfactant in shampoo and conditioner. CO-1
2. Discuss the cosmetic approaches to treat or prevent body odour. CO-2