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Enrollment No.....

Faculty of Pharmacy
End Sem Examination Dec-2023
PY3EL07 Cosmetic Science

Programme: B. Pharm.

Branch/Specialisation: Pharmacy

Duration: 3 Hrs.**Maximum Marks: 75**

Note: All questions are compulsory. Internal choices, if any, are indicated.

- Q.1
- i. Define cosmetics as per D & C act. **2**
 - ii. Define humectant with examples. **2**
 - iii. Give two examples each of hair care products and skin care products. **2**
 - iv. Enlist the ingredients used in the preparation of shampoos. **2**
 - v. Define SPF. Enlist two main ingredients used in toothpaste. **2**
 - vi. Write the use of aloe in cosmetic preparation. **2**
 - vii. What is hair tensile strength? **2**
 - viii. What is saponification? **2**
 - ix. Define dermatitis. **2**
 - x. Give two examples each of oily and dry skin preparations. **2**

- Q.2
- Attempt any two:
- i. Write the classification of cosmetics with examples. Discuss the excipients used in the cosmetics formulation with examples. **10**
 - ii. Define antiperspirants and moisturizers. Write a detail note on hair dyes. **10**
 - iii. (a) Describe the basic structure and functions of skin & hair. **5**
 (b) Define creams. Discuss the formulation of cold creams and vanishing creams. **5**

- Q.3
- Attempt any seven: Two questions from each section is compulsory.

Section - A

- i. Define sunscreens. Discuss the SPF and formulation of sunscreens **5**
- ii. Discuss the role of aloe and turmeric in cosmetic preparations. **5**

- iii. Discuss the use of clove and neem in oral care products. **5**

Section - B

- iv. Explain the transepidermal water loss system. **5**
- v. Discuss the principle and working of sebumeter and corneometer. **5**
- vi. Define soaps. Discuss cleansing action and manufacturing process of soap. **5**

Section - C

- vii. Describe common problems of skin and their possible solutions. **5**
- viii. Write a detail note on antiperspirants and deodorants. **5**
- ix. Discuss the cosmetic problems associated with hair and scalp. **5**

Marking Scheme

Cosmetic Science PY3EL07

Q.1	i)	Define Cosmetics as per D&C act.	2
	ii)	Define Humectant with examples	2
	iii)	Give two examples of Hair care products(1marks) and Skin care products(1marks)	2
	iv)	Enlist the ingredients used in the preparation of shampoos.	2
	v)	Define SPF. Enlist two main ingredients used in toothpaste.	2
	vi)	Write the use of aloe in cosmetic preparation.	2
	vii)	What is Hair Tensile strength?	2
	viii)	What is saponification?	2
	ix)	Define dermatitis.	2
	x)	Give two examples of oily and dry skin preparations	(1Marks) (1Marks) 2
Q.2		Attempt any two:	
	i.	Write the classification of Cosmetics with examples. (4Marks) Discuss the excipients used in the cosmetics formulation with examples. (6Marks)	10
	ii.	Define Antiperspirants and Moisturizers. (4Marks) Write a detail note on Hair Dyes. (6Marks)	10
	iii.	(a) Describe the basic structure and function of Skin (2.5Marks) & Hair (2.5Marks).	5
		(b) Define Creams. (2 Marks) Discuss the formulation of Cold creams and Vanishing creams (8 Marks)	5
Q.3		Attempt any seven: Two questions from each section is compulsory.	
		Section - A	
	i.	Define Sunscreens. (2.Marks) Discuss the Spf And formulation of Sunscreens (3Marks).	5
	ii.	Discuss the use of aloe and turmeric (2.5Marks) (2.5 Marks)	5

	in cosmetic preparations.		
iii.	Discuss the use of clove and neem in oral care products.	(2.5Marks) (2.5Marks)	5

Section - B

iv.	Explain the transepidermal water loss system	(5 Marks)	5
v.	Discuss the principle and working of sebumeter and corneometer	(2.5 Marks) (2.5 Marks).	5
vi.	Define soaps. Discuss cleansing action and manufacturing process of soap	(2 Marks) (3Marks)	5

Section - C

vii.	Describe common Problems of Skin And their possible solutions (5marks).		5
viii.	Write a detail note on antiperspirants and deodorants.	(2.5Marks) (2.5Marks)	5
ix.	Discuss the cosmetic problems associated with hair and Scalp	(5Marks).	5

Note :-

Paper Setter can exchange the questions unit-wise depending on the weightage of marks.
For clarification, please contact Controller of examinations.