

Time: 3 Hrs

Marks : 75

Q. 1 Attempt all multiple-choice questions (MCQ)

20M

Sr No	Questions	Options
1	If cosmetics is manufactured under a name which belongs to another cosmetics it is called as:	a Spoiled cosmetics b Misbranded cosmetics c Adulterated cosmetics d Spurious cosmetics
2	A cosmetic shall be deemed to be misbranded	a If it contains a colour which is not prescribed b If it contains a preservative which is not prescribed c If it contains a perfume which is not prescribed d If it contains a emollient which is not prescribed
3	Particulars to be shown in manufacturing records according to D&C act are given in	a Schedule P b Schedule Q c Schedule S d Schedule U
4	An antidandruff shampoo is required to have the following function	a It should act as a hair setting product b It should condition the hair after application c It should contain an antimicrobial to prevent the growth of microbes d It should sensitize the scalp

5	An emulsifying agent with low HLB value tends to be lipophilic in character to form emulsion	a	Water in Oil
		b	Oil in Water
		c	Oil in Water in oil
		d	Water in oil in water
6	Identify the odd function for surfactants	a	Foaming
		b	Wetting action
		c	Emulsification
		d	Miniaturization
7	Avobenzone is an example of _____	a	bleaching agent
		b	moisturizing agent
		c	sunscreen agent
		d	anti wrinkle agent
8	Parabens are classified as controversial ingredients because	a	they have high log P value
		b	they are caustic
		c	they show oestrogenic activity
		d	they have low log P value
9	Fluoride content in toothpaste should not more than	a	100ppm
		b	1000ppm
		c	5ppm
		d	10ppm
10	All of the following are antimicrobial agent EXCEPT	a	Dioxane
		b	Methyl paraben
		c	Beeswax
		d	Cresol

11	Role of glycerine in vanishing cream is	a	Humectant
		b	Preservative
		c	Vehicle
		d	Emollient
12	The SPF system defines the following	a	The compatibility of the sunscreen agent with the package of sunscreen
		b	Degree of emolliency of a sunscreen agent
		c	The relative effectiveness of the sunscreen agent to protect the skin
		d	The concentration in which the sunscreen agent is present in the formulation
13	Following is an example of cuticle softener	a	Salicylic acid
		b	Quaternary compounds
		c	Formaldehyde
		d	Resin
14	Permanent hair colours penetrate the of hair	a	Medulla
		b	Cortex
		c	Cuticle
		d	Shaft
15	All of the following can cause prickly heat except	a	Exposure to very cold temperatures
		b	Excessive sweating
		c	Creases in the skin which makes sweat evaporation difficult.
		d	Tight clothing which prevents sweat evaporation.

16	Mucus layer deposition on teeth is called as	a	Plaque
		b	Caries
		c	Periodontitis
		d	Gingivitis
17	Herbal _____ is used to exfoliate the outer scaly layer of the skin, absorb excess oil, moisturize the skin	a	Cream
		b	Lotion
		c	Gel
		d	Mask
18	ICEA is the product certification agency for natural and organic products in----- -----	a	Italy
		b	Germany
		c	France
		d	America
19	Organization from Germany involved in setting COSMOS is	a	BDIH
		b	ICEA
		c	Ecocert Greenlife SAS
		d	Cosmebio
20	Long form of GACP is	a	Good Agricultural and Commercial Plan
		b	Good Agricultural and Collection Plan
		c	Good Agricultural and Collection Practices
		d	Good Agricultural and Company Practice

**Q 2. Attempt any two questions (10 Marks each)**

- i. Define cosmetics. Write a note on Indian regulatory requirements for labeling of cosmetics and discuss conditions for obtaining license to manufacture the cosmetics.
- ii. Differentiate between soap and syndet bars. Explain about the formulation building blocks for the same.
- iii. Write a detailed note on designing a cosmeceutical product for addressing a dry skin.

**Q 3. Attempt any seven questions (5 Marks each)**

- i. Describe the Indian regulatory provision relating to manufacturing of cosmetics?
- ii. Elaborate on viscosity builders used in semisolid cosmetics products.
- iii. Explain about the formulation building blocks for tooth paste.
- iv. Describe cosmeceutical products for sun-protection.
- v. Discuss reasons for dandruff and also suggest cosmeceutical remedies for the mentioned condition.
- vi. Discuss the reasons and cosmeceutical remedies for acne.
- vii. Discuss about cleansing and care needed for scalp and face.
- viii. What is COSMOS, Write its objective.
- ix. Explain in detail the challenges that occur in formulating herbal cosmetics?

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