

Time: 3 Hrs

Marks: 75

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

20M

Sr No	Questions		Options
1	_____ includes the requirements of factory premises for manufacture of cosmetics	a	Schedule G
		b	Schedule M
		c	Schedule Y
		d	Schedule U
2	An application in _____ is required to be submitted in the office of licensing for registration certificate for import of cosmetics	a	Form 42
		b	Form 43
		c	Form 44
		d	Form 41
3	The application for obtaining a license for manufacturing of cosmetics is accompanied with	a	Layout of the site
		b	Qualifications proofs of every employee
		c	MSDS of the raw materials
		d	Labels of the finished products
4	All of the following cosmetics are used for addressing dry skin EXCEPT	a	Emollient cream
		b	Moisturizing cream
		c	Cleansing lotion
		d	Hand and body lotion
5	Zinc pyrithine in shampoo is used as _____	a	Conditioner
		b	Cleansing
		c	Antidandruff agent
		d	Detergent

6	_____ is performed on aqueous cosmetic and pharmaceutical products to determine minimum effective concentration of antimicrobial preservatives required for adequate preservation.	a	Antimicrobial study
		b	Antibacterial study
		c	Preservative safety testing
		d	Preservative efficacy testing
7	Vanishing Cream is an ointment that may be classified as	a	They cleanse the skin & hair of dirt
		b	On application, they remain on the skin
		c	They seem to disappear rapidly when rubbed on the skin
		d	They contain pigments which give the desired shade to skin
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	P-Aminobenzoic acid and its derivatives are popular actives in	a	Anti-ageing creams
		b	Sunscreens
		c	Anti-acne formulations
		d	Sun-tan products

10	Which category of surfactant has good foaming and cleansing property but not used much because of toxicity and damage to eyes	a	Anionic surfactants
		b	Cationic surfactants
		c	Non ionic surfactants
		d	Alkyl sulphonates
11	Following agent is used to reduce gingivitis	a	Chlorbutol
		b	Chloroform
		c	Chlorhexidine
		d	Chloramphenicol
12	Syndet bars have following pH range	a	1 to 2
		b	6 to 7
		c	2 to 4
		d	5 to 6
13	Each hair shaft is made up of three concentric layers. They are the cortex, cuticle and which other layer?	a	Helix
		b	Medulla
		c	Keratin
		d	Follicle
14	Deodorants acts by one of the following action:	a	Inhibiting growth of microorganism to reduce bad odor
		b	Reducing bad odor by blocking sweat gland
		c	By inhibiting release of toxins by lymph nodes
		d	By reducing the amount of sweat

15	Following is the function of a good shampoo:	a	It should colour the hair
		b	It should remove dirt from the hair
		c	It should have water-softening properties
		d	It should straighten the hair
16	Lower most layer of epidermis is	a	Stratum granulosum
		b	Stratum corneum
		c	Stratum lucidum
		d	Basal layer
17is factor that affect the nature of the drug at the time of cultivation of herbs, and are considered as one of the challenge in formulating herbal cosmetics.	a	Product certification
		b	Regulatory status of herbal drugs
		c	Ethnic Factors
		d	Quality control of herbal drugs and cosmetics
18 is the product certification agency for natural and organic products in France.	a	ICEA
		b	NASAA
		c	ECOCERT
		d	QAI
19	Full form of NASAA, which is the product certification agency for natural and organic products in Australia is	a	National assembly for suitable agrochemicals
		b	National assembly for sustainable agriculture
		c	Nationwide association for sustainable architecture
		d	National association for sustainable agriculture

20	COSMOS sets the certification requirement for _____	a	Semisynthetic cosmetics
		b	Synthetic cosmetics
		c	Inorganic cosmetics
		d	Organic and natural cosmetics

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

- i. Define spurious and misbranded cosmetics. Explain regulatory provisions relating to labeling of cosmetics manufacture of cosmetics and conditions for obtaining license.
- ii. Discuss microbial preservatives, their merits and demerits and explain factors affecting microbial preservative efficacy.
- iii. Elaborate on designing a cosmeceutical product for dry skin.

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

- i. Describe the Indian regulatory provisions relating to manufacturing of cosmetics?
- ii. Write a note on controversial ingredients used as building blocks for cosmetics.
- iii. Discuss the surfactants used in cosmetics products.
- iv. Elaborate on designing a cosmeceutical product for mouth odor
- v. Define sunscreen, write mechanism of action of sunscreen and classify sunscreen depending on SPF.
- vi. Outline the reasons behind dry skin and acne
- vii. Discuss about cleansing and care needed for lips and hands
- viii. Explain in detail the challenges that occur in formulating herbal cosmetics?
- ix. Write a note on COSMOS criteria for selecting preservatives, and emollients
