 MPH20 F.Y. M. Pharma 13/8/2025

Time: 3 Hours

Marks: 75

Q. 1 Attempt all multiple-choice questions (MCQ) 20M

Sr.No	Questions		Options
1	In which year D&C Act implemented	a	1940
		b	1952
		c	1946
		d	1920
2	Which schedule is related to GMP of cosmetics?	a	Schedule MII
		b	Schedule Q
		c	Schedule S
		d	Schedule C
3	Limit of lead in cosmetic preparation is	a	20 ppm
		b	10 ppm
		c	1000 ppm
		d	200 ppm
4	Long form of GACP is	a	Good Agricultural and Collection Practices
		b	Good Agricultural and Collection Plan
		c	Good Agricultural and Commercial Plan
		d	Good Agricultural and Company Practice
5	ICEA is the product certification agency for natural and organic products in----------	a	Italy
		b	Germany
		c	France
		d	America
6	_____ is a stimulating agent added in hair tonics	a	Cantharides
		b	Zinc oxide
		c	Coal tar
		d	Tartrazine

7	Which one of the following class of sunscreen *don't cause tanning*	a	PCD-III
		b	PCD-II
		c	PCD-I
		d	PCD-v
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	- 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	Azadirachta indica is used in cosmetics for	a	Skin whitening effect
		b	Antibacterial effect
		c	Hair growth effect
		d	Depilatory effect

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	Lowermost layer of epidermis is	a	Stratum granulosum
		b	Stratum corneum
		c	Stratum lucidum
		d	Basal layer
17	What is the role of calcium carbonate in toothpaste	a	Abrasive
		b	Humectant
		c	Preservative
		d	Binder
18	Cosmetics used for hiding the vitiligo patch is called	a	Blemish concealer
		b	Blush
		c	Bleaching cream
		d	Vanishing cream
19	Which range of UV ray is responsible for sunburn?	a	290-320nm
		b	320-390nm
		c	200-240nm
		d	240-290nm
20	COSMOS sets the certification requirement for _____	a	Organic and natural cosmetics
		b	Synthetic cosmetics
		c	Inorganic cosmetics
		d	Semisynthetic cosmetics

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

I. Define cosmetics. Write a note on Indian regulatory requirements for labeling of cosmetics.

ii.Discuss microbial preservatives, their merits and demerits and explain factors affecting microbia preservative efficacy.

iii. Elaborate on designing a cosmeceutical product for dry skin.

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

i..Define spurious and misbranded cosmetics.

ii. Outline the process of pigmentation formation.

iii. Write a note on any two herbs used for hair care.

iv. Elaborate on designing a cosmeceutical product for mouth odor

v. Define sunscreen, write mechanism of action of sunscreen and classify sunscreen depending on SP

vi. Outline the reasons behind acne and bleeding gums

vii. Discuss about cleansing and care needed for the scalp and body.

viii. Discuss the reasons and cosmeceutical remedies for dandruff.

ix. Explain the Indian regulatory provision relating to manufacturing of cosmetics?

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