M. Pharm. Pharmaceutics Sem II May 2024

Extra

Paper / Subject Code: 69539 / Cosmetic and Cosmeceuticals

Time: 3 Hours **Marks:75**

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

Sr No	Questions		Options
1	Limit of lead in cosmetic preparation is	a	20 ppm
		b	10 ppm
		c	1000 ppm
		d	200 ppm
2	On the finished packed cosmetics the batch number is preceded by the letter	a	B
		b	A
		c	M
		d	N
3	If cosmetics is manufactured under a name which belongs to another cosmetic it is called as:	a	Spurious cosmetics
		b	Misbranded cosmetics
		c	Adulterated cosmetics
		d	Spoilt cosmetics
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	A commonly used anti-acne agent is	a	Cocoa butter
		b	Fatty acid derivatives
		c	Salicylic acid
		d	Hydroquinone
6	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
7	Zinc pyrithine in shampoo is used as_____	a	Conditioner
		b	Cleansing
		c	Antidandruff agent
		d	Detergent

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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	What is the role of calcium carbonate in toothpaste	a	Preservative
		b	Humectant
		c	Abrasive
		d	Binder
11	Which of the following is controversial ingredient	a	Magnesium stearate
		b	Dioxane
		c	Calcium carbonate
		d	Stearic acid
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	Dentin is made up of _____	a	70 % hydroxyapatite and remaining collagen
		b	70 % Collagen and remaining collagen hydroxyapatite
		c	hydroxyapatite
		d	Collagen

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15	Which is the correct sequence of epidermal layers of thick skin, from deep to superficial?	a	stratum corneum, stratum lucidum, stratum spinosum, stratum granulosum, stratum basale
		b	stratum spinosum, stratum lucidum, stratum corneum, stratum basale, stratum granulosum
		c	stratum basale, stratum granulosum, stratum corneum, stratum spinosum, stratum lucidum
		d	stratum basale, stratum spinosum, stratum granulosum, stratum lucidum, stratum corneum
16	Following is an example of cuticle softener _____.	a	Salicylic acid
		b	Quaternary compounds
		c	Formaldehyde
		d	Resin
17	Azadirachta indica is used in cosmetics for	a	Hair growth effect
		b	Skin whitening effect
		c	Antibacterial effect
		d	Depilatory effect
18	COSMOS Stands for	a	Cosmetics organic and natural standard
		b	Cosmetics manufacturing and operational standards
		c	Cosmetics manufacturing standards
		d	Cosmetics operational standards
19	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
20	..... is the product certification agency for natural and organic products in France.	a	ICEA
		b	NASAA
		c	ECOCERT
		d	QAI

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

i. Define and classify cosmetics. Write a note on Indian regulatory requirements for labeling of cosmetics.

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

iii. Discuss the building blocks of anti-dandruff shampoo.

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

i. Describe the Indian regulatory provision relating to manufacturing of cosmetics.

ii. Write a note on controversial ingredients used as building blocks for cosmetics.

iii. Classify microbial preservative and explain factors affecting microbial preservative efficacy

iv. Explain about the formulation building blocks for tooth paste.

v. Define SPF, discuss harmful effects of sun rays, write mechanism of working and classification of sunscreen

vi. Discuss the surfactants used in cosmetics products.

vii. Elaborate on viscosity builders used in semisolid cosmetics products.

viii. Discuss the reasons and cosmeceutical remedies for dry skin.

ix. Explain in detail the challenges that occur in formulating herbal cosmetics?

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