

Time: 3Hours

Marks:75

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

20M

- 1 GMP guidelines for herbal cosmetics ensure
a) Compliance with safety and quality standards
b) High marketing potential
c) Lower production costs
d) Sustainable sourcing of ingredients
- 2 Which factor contributes to the growth of the herbal cosmetic industry
a) Increasing Price for synthetic products
b) Lack of consumer awareness for synthetic cosmetics
c) Easy availability of plant-based ingredients
d) Rising interest in sustainability and natural products
- 3 Which of the following is an example of an import regulation for herbal cosmetics?
a) Mandatory product registration with local authorities
b) Preferential tax rates for imported herbal cosmetics
c) Trade promotion activities for domestic manufacturers
d) Free trade agreements with neighboring countries
- 4 Which of the following preservatives is derived from natural sources and is commonly used in herbal cosmetics?
a) Propylene glycol
b) Imidazolidinyl urea
c) Phenoxyethanol
d) Vitamin E (tocopherol)
- 5 Which surfactant is derived from coconut oil and is known for its gentle cleansing properties in herbal cosmetics
a) Sodium Laurel Sulfate
b) Cetyl Alcohol
c) Decyl Glucoside
d) Stearyl Alcohol
- 6 Dark spots or pimples on the face can be hidden using cosmetic products
a) Concealers
b) Skin toners
c) sunscreen lotions
d) moisturisers

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- 7 Regulatory Provisions for manufacture of herbal cosmetics aim to:
- a) Minimize the use of Excipients
 - b) Maximize profit margins
 - c) Promote larger marketing claims
 - d) Ensure consistent product quality
- 8 What is a synergistic effect between an herb and a chemical interaction in herbal cosmetics?
- a) The herb enhances the effectiveness of the chemical
 - b) The herb counteracts the effects of the chemical
 - c) The chemical causes degradation of the herb.
 - d) There is no interaction between the herb and chemical
- 9 What is the purpose of preformulation studies in the development of herbal cosmetics?
- a) To determine the safety of the herbal ingredients
 - b) To assess the market potential of the product
 - c) To optimize the formulation and stability of the product
 - d) To evaluate the therapeutic effects of the herbal ingredients
- 10 Which of the following statements is true about using natural colors in herbal cosmetics?
- a) Natural colors are always safer and more stable than synthetic colors.
 - b) Natural colors can have variations in shade and intensity due to the plant source.
 - c) Natural colors are primarily used to extend the product's shelf life.
 - d) Natural colors have no impact on the sensory attributes of the product.
- 11 Which organization provides guidelines for GMP compliance in the cosmetics industry
- a) FDA (Food and Drug Administration)
 - b) WHO (World Health Organization)
 - c) ISO (International Organization for Standardization)
 - d) GMPA (Good Manufacturing Practices Association)

- 12 Which of the following herbal extracts is known for its anti-dandruff properties?
- a) Tea tree oil
 - b) Lavender oil
 - c) Coconut oil
 - d) Jojoba oil
- 13 Which of the following is used as Humectant in cosmetic formulation
- a) Glycerin
 - b) BHT
 - c) BHA
 - d) Tocopherol
- 14 Which of the following ingredients is commonly used in herbal lipsticks for moisturizing and nourishing the lips?
- a) Parabens
 - b) Beeswax
 - c) Mineral oil
 - d) Saussurea
- 15 Which herbal ingredient is known for its hydrating and moisturizing effects and is often used in herbal skin toners?
- a) Aloe vera
 - b) Liquorice
 - c) Psoralea
 - d) Fenugreek
- 16 Which of the following methods is commonly used for toxicity screening of herbal cosmetics?
- a) Animal testing
 - b) In vitro assays
 - c) Consumer surveys
 - d) Elisa Assay
- 17 If Sulphur is present in the melanin of hair then the colour of hair is -----
- a) Red
 - b) Grey
 - c) Blond
 - d) White
- 18 Area required for manufacturing of Shampoo and hair oil is ----Sq mts
- a) 15
 - b) 20
 - c) 25
 - d) 35

- 19 Annatto contains which of the following ingredient that is used as colourant
- a) carotenoids
 - b) capsanthin
 - c) Flavonoids
 - d) crocetin
- 20 Olive oil used in herbal baby lotion helps to
- a) restore skin moisture
 - b) improve skin lustre
 - c) Soothe the skin
 - d) Reduce pigmentation

Q 2. Attempt any two question **20M**

- i. Describe commonly used raw materials used in manufacturing of Herbal Cosmetics
- ii. Discuss Hair care & scalp formulation of herbal & natural origin
- iii. Classify Herbal Cosmetics with suitable examples

Q 3. Attempt any seven questions **35M**

- i. Discuss formulation and evaluation of Herbal Lipsticks
- ii. Write short notes on Cleansing & Vanishing creams
- iii. Discuss different herbal Baby Products & Face powders
- iv. Write a note on Regulatory provisions related to manufacture of Herbal Cosmetics
- v. Discuss toxicity tests for herbal cosmetic products
- vi. Write a note on preformulation studies
- vii. Name any two industries involved in manufacture of Herbal cosmetics. Discuss regulatory provision related to manufacture of cosmetics
- viii. Enlist intricacies involved in Import & Export of Herbal cosmetic formulation.
- ix. write a short note on preparation & standardization of Mouth washes & tooth pastes.
