

## **CHIN 325: COSMETICS, TOILETRY AND PERFUMES**

### **INSTRUCTIONS: ANSWER QUESTION ONE AND ANY OTHER TWO QUESTIONS**

#### **QUESTION ONE (30 MARKS)**

- a) Differentiate between cosmetics and drugs (3mks)
- b) Give two products that have both drug and cosmetic functions (1 mk)
- c) Briefly discuss the knowledge and background education for a scientist in the cosmetic industry (4 mks)
- d) i) Define a cosmetic ingredient (1 mk)  
ii) Give four functions of cosmetic ingredients (2mks)
- e) Define the following cosmetic terms (5 mks)
  - i) Dye
  - ii) Pigment
  - iii) Lake
  - iv) Humectants
  - v) Emollients
- f) Explain the term surfactant and their functions in cosmetics (3mks)
- g) Explain the term dosage form as used in cosmetics and give three classification of dosage forms( 2mks)
- h) Give three principal constituents in the formulation of the following:
  - i) Shampoos ( 1.5 mks)
  - ii) Detergents (1.5 mks)
  - iii) Hair Sprays (1.5 mks)
  - iv ) Bar soaps ( 1.5 mks)
  - v) Hand and body lotions (1.5 mks)
  - vi) Hair gels (1.5 mks)

#### **QUESTION TWO (20 MARKS)**

- a) Briefly discuss the following terms as used in cosmetic science:

- i) Cosmeceuticals (2mks)
  - ii) Nutraceuticals (2mks)
  - iii) Organic products (2mks)
  - iv) Hypoallergenic products (2mks)
- b) Discuss the following terms as used in cosmetics:
- i) Abrasives (2mks)
  - ii) Antioxidants (2mks)
  - iii) Color additives (2mks)
  - iv) Chelating agents (2mks)
- c) Differentiate between the following terms as used in cosmetic:
- i) Capsule and Gel (2mks)
  - ii) Loose powder and pressed powders (2mks)

### **QUESTION THREE (20 MARKS)**

- a) Discuss three classification of cosmetics and over the counter Drug-cosmetic products (6mks)
- b) Discuss the following dosage forms for cosmetics
  - i) Solution (3mks)
  - ii) Emulsion (3mks)
  - iii) Ointment (3mks)
- c) Briefly discuss moisturizers (3mks)
- d) Give two main categories of lip products and give two customer expectations for lip products (2mks)

### **QUESTION FOUR (20 MARKS)**

- a) Discuss the first three stages of lipstick manufacture (6mks)
- b)
  - i) Give two customer expectations for nail polish products (2mks)
  - ii) Give four ingredients in a standard nail polish formulation (2mks)
- c)
  - i) Define a deodorant (1mk)

- ii) Give three approaches to odor control (3mks)
- d) i) Define a fragrance (2mks)
  - ii) Give two roles of perfumes (2mks)
- e) Using a suitable example give the two distinct group of perfumery raw materials (2mks)