

M. PHARMA.
THEORY EXAMINATION (SEM-II) 2016-17
COSMETIC & COSMECEUTICALS

Time : 3 Hours

Max. Marks : 70

Note : Be precise in your answer. In case of numerical problem assume data wherever not provided.

SECTION- A

- 1. Attempt all parts of this Section :** **7×2=14**
- (a) Give the official definitions of cosmetics and cosmeceuticals.
 - (b) Classify surfactants.
 - (c) What is SPF?
 - (d) Mention the factors responsible for aging.
 - (e) State the differences between baby skin and adult skin.
 - (f) Mention the significance of proper sanitation in pharmaceutical manufacturing premises.
 - (g) What are rheology modifiers in herbal cosmetics?

SECTION- B

- 2. Attempt any three parts of the following :** **3×7=21**
- (a) Write a brief note on various skin related problems and the related cosmetic products used.
 - (b) Write a brief note on international nomenclature of colours and perfumes as per INCI.
 - (c) Classify baby care products and mention the role of various and mention the role of various factors influencing selection of cosmetic ingredients for baby care products.
 - (d) Explain the role of various locational factors to be considered for setting an ideal pharmaceutical manufacturing plant layout.
 - (e) Mention the guidelines for herbal cosmetics prepared by private bodies.

SECTION- C

- 3. Attempt all questions in this section :** **5×7=35**
- (a) Describe the causes, treatment and preparations used for any one of the following:
 - (i) Dry skin
 - (ii) Acne
 - (b) What are the regulatory requirements for selection of colours and perfumes used as cosmetic ingredients?

OR

- Classify and mention the applications of antioxidants used in cosmetic preparations.
- (c) State the classification and mechanism of action of any one of the following products:
 - (i) Sunscreen agents
 - (ii) Anti-aging products.
 - (d) **Write short notes on any two of the following:**
 - (i) Role of water supply and disposal of waste on plant layout
 - (ii) Role of medical services on plant layout
 - (iii) Role of packaging facilities on plant layout
 - (e) **Write brief note on any one of the following:**
 - (i) Application of phytosomes in herbal cosmetics
 - (ii) Ingredients of herbal cosmetics.