



**Faculty of Health Sciences**  
**BSC. (HONS) COSMETIC SCIENCES**

**BSM 1153 General Cosmeceutics**  
**End Semester Examination SEQ**  
**1<sup>st</sup> Year 1<sup>st</sup> Semester**  
**7<sup>th</sup> Batch**

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**Date: 12<sup>th</sup> of March 2024**

**Time: 09.00 am – 12.00 pm - Three Hours**

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**INSTRUCTIONS TO CANDIDATES Page**

- This question paper consists of **SIX** questions.
- Answer **ALL** questions.
- You should write legibly in black or blue ink.

**Question 01**

**(100 marks)**

- 1.1 Write down the general definition of cosmetic. (10 marks)
- 1.2 Briefly describe the **three** (03) related authorities of cosmetic industry. (30 marks)
- 1.3 Write two standards which are related to the cosmetic products and briefly describe the benefits of having standards to the cosmetic products. (30 marks)
- 1.4 “A cosmetic product in one country may not be a cosmetic in another country”. Give two main reasons to justify the above statement. (15 marks)
- 1.5 Write the **three** (03) levels of packaging of cosmetic products. (15 marks)

**Question 02**

**(100 marks)**

- 2.1 Briefly describe good manufacturing practice (GMP) related to the cosmetic products. (20 marks)
- 2.2 Write **two** (02) main risks without having good manufacturing practice. (20 marks)
- 2.3 Briefly describe the difference between quality assurance and quality control. (20 marks)
- 2.4 Briefly describe analytical reference standard and its **two** (02) uses. (20 marks)
- 2.5 Write down the steps involved in physical and structural characterization of cosmetic samples. (20 marks)

**Question 03**

**(100 marks)**

- 3.1 State the use of vanishing cream and moisturizing cream. (20 marks)
- 3.2 Write down the main ingredients used in developing shampoos. (20 marks)
- 3.3 Describe the difference between floating oil and dispersible oil. (20 marks)
- 3.4 Describe the importance of detergents & other foaming materials in toothpaste. (20 marks)
- 3.5 Briefly describe the saponification process of soap. (20 marks)

**Question 04****(100 marks)**

- 4.1 Preservatives in cosmetics are important to maintain the stability of cosmetic products.
- 4.1.1 Name the two classes of preservatives used in cosmetics and give reasons for their use. (20 marks)
- 4.1.2 In addition to cleansing, some surfactants are useful as preservatives. Explain the statement. (20 marks)
- 4.2 Surfactants are possibly the most versatile components among all the ingredients of cosmetic products.
- 4.2.1 List three different reasons to use surfactants in cosmetic products. (15 marks)
- 4.2.2 Name the four different types of surfactants used in cosmetics (20 marks)
- 4.3 Organic polymers are frequently used in cosmetic products.
- 4.3.1 Name two of them. (10 marks)
- 4.3.2 Describe why they are useful in cosmetics. (15 marks)

**Question 05****(100 marks)**

- 5.1 What do you mean by packaging? (10 marks)
- 5.2 List **four** (04) functions of packaging. (20 marks)
- 5.3 List **four** (04) types of containers used in packaging of cosmetic industry. (20 marks)
- 5.4 Mention **four** (04) types of packaging materials used in cosmetic industry. (20 marks)
- 5.5 Briefly describe **two** (02) tests used for the evaluation of packaging in cosmetic industry. (30 marks)

**Question 06****(100 marks)**

- 6.1 Briefly describe how you are going to minimize the external particles and microorganisms within a good manufacturing plant by giving examples. (30 marks)
- 6.2 What is the importance of maintaining a unidirectional material flow inside a manufacturing plant. (20 marks)
- 6.3 Write short notes on the following.
- 6.3.1 Sweat glands (25 marks)
- 6.3.2 Dry skin (25 marks)

**-THE END-**