



K.R. MANGALAM UNIVERSITY

THE COMPLETE WORLD OF EDUCATION

Rollno.....

End Semester Examination, December 2024

Open Elective – III Semester

COSMETOLOGY (OEC041)

Time: 2.5 hrs.

Max Marks: **50**

Note: *All Questions are compulsory. Marks are indicated against each question.*

PART-A

Q.1 Attempt any 5 questions.

- (a) Name two biological structures studied in cosmetology. [CO-1] [L-1] 2
- (b) Describe the main phases of the hair growth cycle? [CO-1] [L-2] 2
- (c) State the main function of exfoliants in skincare. [CO-1] [L-2] 2
- (d) Apply your knowledge of biological factors to identify three factors that affect nail health. [CO-2] [L-3] 2
- (e) Explain the purpose of a product label in cosmetology? [CO-3] [L-2] 2
- (f) Evaluate the impact of different ingredients on the efficacy of cosmetic products. [CO-1] [L-5] 2
- (g) What is the primary purpose of conditioning hair? [CO-1] [L-2] 2

2x5

PART-B

Q.2 Describe cosmetology as scientific field. Discuss the importance and application of cosmetology.

[CO-4] [L-2] **10**

OR

Discuss the anatomy and physiology of hair, including its structure, growth cycle, and functions, and explain how this knowledge is applied in hair care treatments.

[CO-4] [L-4] **10**

Q.3 Describe the biological structures and functions of hair, skin, and nails, and explain their relevance in cosmetology.

[CO-1] [L-2] **10**

OR

Explain the chemical processes involved in hair coloring, focusing on oxidative and non oxidative hair dyes and discuss the impact of these processes on hair health.

[CO-1] [L-2] **10**

Q.4 Describe the anatomy and physiology of the skin, and explain how understanding its structure aids in addressing common skin problems such as dryness, acne, and pigmentation.

[CO-2][L-2] **10**

OR

Explain the anatomy and physiology of nails, including the growth cycle, and discuss the chemical processes involved in products like nail polish, acrylics, and gels.

[CO-2] [L-2] **10**

Q.5 Discuss the chemistry of skincare products, including cleansers, exfoliants, moisturizers, and serums, and explain how each product functions to improve skin health.

[CO-2] [L-4] **10**

OR

Discuss the various types of cosmetology products for cleansing and care across different body areas (face, scalp, body, etc.) and explain the formulation principles for products like emulsions, suspensions, and gels.

[CO-3] [L-4] **10**

