Seat No. _____

HS-BP809ET

M. P. M. (Sem. VIII) (W.E.F. 2017) Examination
April - 2023
Cosmetic Science

Time : 3 / Total Marks : 75

Instructions:
1. Answer the following questions.
2. Figure to the right indicate marks.
3. Draw neat & clean diagrams as required.

1 Answer the following questions : 10×2=20

A Write the formulation of Para-phylene diamine based hair dye.

B Define Sun protection factor with its range.

C Give systemic Pharmacological therapy for comedones.

D Enlist the regulatory provisions relating to import of cosmetics.

E Define Dermatitis and give its types.

F Write the building blocks for toothpaste for gum disease.

G What is TEWL? Enumerate the methods of determining it.

H Enumerate the sunscreen agent which absorb both UVA & UVB rays.

I Write the building blocks of vanishing cream.

J Differentiate antiperspirant and deodorant.

2 Answer any two out of the following : 2×10=20

A Define sunscreen. Discuss the classification, mechanism and application of sunscreen agent.

B Enlist the various excipient used in the manufacturing of cosmetic and explain in detail about surfactant.

C   Discuss the BIS specification and analytical methods for shampoo and toothpaste.

3   Answer any 7 out of the following :   7×5=35

A   What is acne and wrinkles. Discuss the reasons and remedy of both.

B   Discuss the Actives and mechanism of action of antiperspirant.

C   Discuss Principles and application of sebumeter.

D   Discuss the Hair growth cycle.

E   Discuss the Common problem associated with teeth and gums.

F   Explain in detail about safety test for cosmetic products.

G   Discuss the building blocks of vanishing cream and cold cream with evaluation.

H   Discuss the formulation and building blocks of Hair conditioner.

I   Discuss the role of Aloe and turmeric in skin care.

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