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Total No. of Printed Pages: 1

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B. Pharmacy (Semester – 8th)

COSMETIC SCIENCE

Subject Code: BP809ET

Paper ID: 17170148

Time: 03 Hours

Maximum Marks: 75

Instruction for candidates:

1. Section A is compulsory. It consists of 10 parts of two marks each.
2. Section B consist of 9 questions of 5 marks each. The student has to attempt any 7 questions out of it.
3. Section C consist of 3 questions of 10 marks each. The student has to attempt any 2 questions.

Section – A

(2 marks each)

Q1. Attempt the following:

- a. Why is sodium chloride added to formulation of shampoos?
- b. Define humectants with examples.
- c. Why is mineral oil added to cleansing creams?
- d. Define quasi drugs.
- e. What do you mean by hair tensile strength?
- f. Define SPF with formula.
- g. Give labeling instructions for a mouthwash.
- h. What is soap-up effect?
- i. Differentiate between cosmetic and cosmeceuticals.
- j. What is the role of abrasives in dentifrices? Give examples.

Section – B

(5 marks each)

- Q2. Write a short note on corneometer.
- Q3. What are syndet bars. How are they different from soaps?
- Q4. Enlist various problems of oral cavity. Discuss any two in detail.
- Q5. Discuss the formulation and mechanism of action of anti-perspirants.
- Q6. Henna and amla are essential for hair care. Justify the statement.
- Q7. Write a short note on rheology modifiers.
- Q8. How can we take care of sensitive teeth? Discuss.
- Q9. Write a short note on dandruff. Discuss formulation of antidandruff shampoo.
- Q10. Explain causes and treatment for dry skin.

Section – C

(10 marks each)

- Q11. Discuss in detail the chemistry and formulation of paraphylene diamine based hair dyes.
- Q12. a) Elaborate on the role of aloe and turmeric in skin.
b) Discuss the formulation of Beeswax borax cream.
- Q13. a) Describe the mechanism of body odour with the involvement of different glands.
b) Give similarities and differences between deodorant and perfume.