

Sem V
CBCS

Cosmetology March 2015

QP Code : 16115

(3 Hours)

[Total Marks : 70

N.B. (1) All questions are **compulsory**.
(4) **Figures** to the right indicate marks.

- i. (a) Define cosmetics. Classify cosmetics based on intended use. 2
(b) Describe the mechanism of wrinkle formation. How do antiwrinkle agents overcome the wrinkle formation. 3
(c) What are nail bleaches ? Mention any two nail bleaching agents. 2
(d) What are the steps in chemical hair waving ? Mention the chemical agents used in each step in hot waving process. 2
(e) Describe the pre-electric shave lotions. 3
(f) Classify bath products and discuss the formulation of bubble baths. 3
2. (a) Explain in detail the procedure for toxicity testing of cosmetics by open patch test. Add a note on Shelanski test for chronic testing. 4
(b) Discuss in detail the formulation of moisturizing preparations. 3
- OR**
- (b) Discuss in detail the ingredients used in the preparation of vanishing creams. 3
(c) Classify the surfactants used in the formulation of shampoos. Add a note on advantages and disadvantages of each class of surfactants. 4
3. (a) Elaborate on the ingredients used in the preparation of aerosol foaming shaving creams. 3
(b) Give an account of anhydrous eye shadow preparations. Add a note on quality control of eye shadows. 4
(c) Write short note on any **one** of the following :—
(i) Preservatives used in cosmetics
(ii) Herbal cosmetics. 3
4. (a) Elaborate on the quality control tests on compact face powders. 3
- OR**
- (a) Describe the problems encountered in formulation of foundation lotions and suggest suitable measures to overcome the same. 4
(b) Classify hair colourants. How is toxicity testing carried out for hair colourants ? 4
(c) Write in detail about the evaluation of oral hygiene index for medicated dentifrices. 3
5. (a) Discuss the formulation of depilatories. 4
(b) Give an account of various raw materials that controls the quality of lipsticks base. 4
- OR**
- (b) Describe the large-scale manufacturing procedure for lipsticks. 4
(c) What are the sources for microbial contamination of cosmetics during manufacturing ? How can you prevent them ?

[TURN OVER

WG-Con. : 8101-15.

6. (a) Write short note on any one of the following :— 3
- (i) Antiperspirants
 - (ii) Baby toiletries.
- (b) Enumerate the various evaluation tests and BIS standards of nail lacquers. 4
- (c) What are the different invitro and invivo evaluation tests for sunscreens ? 4
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