

GUJARAT TECHNOLOGICAL UNIVERSITY
B.PHARM- SEMESTER-VII • EXAMINATION – WINTER-2016

Subject Code: 2270011**Date:29/11/2016****Subject Name: Herbal Cosmetics****Time: 10:30 AM to 1:30 PM****Total Marks: 80****Instructions:**

1. Attempt any five questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

- Q.1** (a) Write a note on skin structure and physiology. **06**
(b) Scope and present status of Cosmetics Market in India. **05**
(c) Write detail notes on protective agents and ancillary agents used in cosmetic formulations. **05**
- Q.2** (a) What are various ingredient used in manufacturing of shampoo. Describe briefly. **06**
(b) Write a note on freshening agents. **05**
(c) Write a note on skin pigmentation. **05**
- Q.3** (a) Discuss in detail about BIS guidelines for herbal cosmetics. **06**
(b) Briefly describe the various raw ingredients used in manufacturing of hair care products. **05**
(c) Write a short notes on herb used in hair grooming. **05**
- Q.4** (a) What is the role of wheat gram oil, tulsi and lemon in herbal hair care preparation? **06**
(b) Write safety requirements as per schedules of Drugs and Cosmetics Act. **05**
(c) Herbs used as anti-wrinkle and antiseptic. **05**
- Q.5** (a) Give source and description of gums and bleaching agents used as raw material in herbal cosmetics. **06**
(b) Write a short note on Hair growth promoters. **05**
(c) Write a note on Hair tonics. **05**
- Q. 6** (a) Write a note on regulatory requirements for packaging and labeling of cosmetics. **06**
(b) Explain in detail about schedule S: Standards of cosmetics. **05**
(c) Write note on anti-aging plants and cleansing agents. **05**
- Q.7** (a) Enumerate and discuss the list of permitted colors and flavors for cosmetics. **06**
(b) Write a note on hair structure and physiology with well labeled diagrammed. **05**
(c) Give the detail note on plant used as emollients. **05**
