

**GUJARAT TECHNOLOGICAL UNIVERSITY****B.PHARM. - SEMESTER– VII • EXAMINATION – SUMMER-2016****Subject Code: 2270011****Date: 13/05/2016****Subject Name: Herbal Cosmetics****Time: 2:30 PM to 5:30 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) Describe importance of bleaching agents, perfumes and protective agents in Herbal formulation. **06**
- (b) What are Cosmetics and herbal cosmetics? Give the classification of Herbal cosmetics preparations. **05**
- (c) Write a note on Skin structure and physiology. **05**
- Q.2** (a) Explain present status of Herbal cosmetics in India. **06**
- (b) Explain the importance of preservatives and coloring agents in Herbal cosmetic preparation. **05**
- (c) Write safety requirements as per schedules of Drugs and Cosmetic Act. **05**
- Q.3** (a) Explain in detail about Schedule S: Standards of Cosmetic. **06**
- (b) Write a short note on herbs used as hair growth promoters. **05**
- (c) Briefly discuss the different additives used in the formulation of herbal skin care cosmetics. **05**
- Q.4** (a) Write about Neem, Tulsi and Aritha as an anti-dandruff plant. **06**
- (b) What is the role of fixed oils, waxes and gums in manufacturing of herbal cosmetics as a raw material? **05**
- (c) Write a note on Hair structure and physiology. **05**
- Q.5** (a) Discuss in detail about BIS Guidelines for herbal cosmetics. **06**
- (b) Explain in detail about herbs used as antibacterial and antifungal in Herbal formulation. **05**
- (c) Briefly describe the various raw ingredients used in manufacturing of hair care products. **05**
- Q. 6** (a) Give the detail about plants used in herbal hair care cosmetic preparation. **06**
- (b) Describe preparation of Herbal skin care creams. **05**
- (c) Write a short note on herbs used as antioxidants and antiseptic. **05**
- Q.7** (a) Write a note on Herbal hair colorants. **06**
- (b) What is the role of Chandan and Khus in herbal skin care preparation? **05**
- (c) Explain in details about herbs used as hair tonics. **05**

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