

**GUJARAT TECHNOLOGICAL UNIVERSITY**  
**B.Pharm - SEMESTER– VII • EXAMINATION – SUMMER-2017**

**Subject Code: 2270011****Date: 10/05/2017****Subject Name: Herbal Cosmetics****Time: 02:30 to 05:30 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) Give definition, scope and current market status of herbal cosmetics with suitable examples. **06**  
(b) Write a short note on Hair tonic. **05**  
(c) Discuss in detail about protective agents & bleaching agents used in herbal cosmetic formulations. **05**
- Q.2** (a) Enumerate naturally obtained raw materials used for skin care & hair care cosmetics. Discuss in details about preservatives & antioxidants with examples. **06**  
(b) Give BS (Family), CC & cosmetic uses of following crude drugs: **05**  
1) Shikakai 2) Apricot  
(c) Write a short note on Freshening agents used in herbal cosmetics. **05**
- Q.3** (a) Discuss in detail about anatomy and physiology of skin. **06**  
(b) Write a short note on Anti dandruff herbal drugs. **05**  
(c) Enumerate herbal growth promoters & discuss in details about any two drugs. **05**
- Q.4** (a) Write down the importance of amla, aloe & apricot in herbal skin care cosmetics. **06**  
(b) Give BIS guidelines for cosmetic products and raw materials. **05**  
(c) Write a short note on Hair colorant. **05**
- Q.5** (a) Write a short note on herbs used as antiseptic, antibacterial & antifungal with examples. **06**  
(b) Discuss on regulatory parameters for permitted colors and flavors used in herbal cosmetics. **05**  
(c) Give the brief information on fixed oils & hydrophilic colloids with their importance in herbal cosmetics. **05**
- Q.6** (a) Discuss in detail about provisions for the packaging & labeling of herbal cosmetics according to Drug & Cosmetic Act, 1940? **06**  
(b) Write a short note on hair cleansing herbal drugs with suitable examples. **05**  
(c) Give the BS (Family), CC & cosmetic uses of following drugs: **05**  
1) Almond 2) Bhringaraja
- Q.7** (a) Discuss about different types of shampoo and its ingredients. Which are the ideal requirements for shampoo? **06**  
(b) Give the brief information on plants used for decreasing the pigmentation. **05**  
(c) How drugs are used as a free radical scavenger? Give its importance in herbal cosmetics. **05**