

GUJARAT TECHNOLOGICAL UNIVERSITY
B.PHARM - SEMESTER- 7 EXAMINATION – SUMMER -2019

Subject Code: 2270011

Date: 20-05-2019

Subject Name: Herbal Cosmetics

Time: 02:30 PM 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.

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|-------------|-----|---|-----------|
| Q.1 | (a) | Write safety requirements as per schedules of Drugs and Cosmetic act. | 06 |
| | (b) | Discuss in detail about BIS Guidelines for herbal cosmetics. | 05 |
| | (c) | Write down the importance of natural gums and hydrocolloids for the cosmetics. | 05 |
| Q.2 | (a) | Write a note on hair structure and physiology, with labeled diagram. | 06 |
| | (b) | Write a note on herbal hair growth promoters | 05 |
| | (c) | Write a note on neem, lemon and aritha as antidandruff herbs. | 05 |
| Q.3 | (a) | Discuss the ideal requirement of shampoo and give the different types of shampoo and its ingredients. | 06 |
| | (b) | Write a note on herbs used as hair tonics | 05 |
| | (c) | Write a note on herbal hair colourants | 05 |
| Q.4 | (a) | Write a note on skin structure and physiology, with labeled diagram. | 06 |
| | (b) | Write a note on skin pigmentation. | 05 |
| | (c) | Write a note on cleansing agent. | 05 |
| Q.5 | (a) | Explain scope and present status of herbal cosmetics in India. | 06 |
| | (b) | Write note on aloe for skin care. | 05 |
| | (c) | Herbs used as anti-wrinkle and antiseptic. | 05 |
| Q. 6 | (a) | Write down the natural raw materials for perfumes and give its importance in cosmetic formulations. | 06 |
| | (b) | Write a short note on herbs used as antioxidants and antiseptic. | 05 |
| | (c) | Define and classify herbal cosmetics. | 05 |
| Q.7 | (a) | Give source and description of fixed oils and preservatives used as raw material in herbal cosmetics. | 06 |
| | (b) | Write note on Herbs for antibacterial and antifungal activity. | 05 |
| | (c) | Give the detail note on plant used as astringent. | 05 |
