

Seat No.: \_\_\_\_\_

Enrolment No. \_\_\_\_\_

**GUJARAT TECHNOLOGICAL UNIVERSITY**  
**B.PHARM – SEMESTER – 7- EXAMINATION –WINTER - 2018**

**Subject Code:2270011****Date: 28/11/2018****Subject Name: Herbal Cosmetics****Time:10:30 AM TO 01:30 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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|-------------|-----|--|-----------|
| <b>Q.1</b>  | (a) | Discuss BIS guidelines for cosmetic products and raw materials.  | <b>06</b> |
|             | (b) | Write a note on fixed oils, waxes, gums used in herbal formulations.   | <b>05</b> |
|             | (c) | Give classification of herbal cosmetics and discuss the market.  | <b>05</b> |
| <b>Q.2</b>  | (a) | Discuss regulatory guidelines of Drug & Cosmetic Act 1940 with reference to use of permitted colors and flavors. | <b>06</b> |
|             | (b) | Write a note on anti-dandruff herbs.   | <b>05</b> |
|             | (c) | Write a note on Rule 150 A and schedule S of Drug & Cosmetic Act 1940.   | <b>05</b> |
| <b>Q.3</b>  | (a) | Give hair structure and physiology (Draw diagram).   | <b>06</b> |
|             | (b) | Write a note on hair growth promoter herbs.  | <b>05</b> |
|             | (c) | Write a note on anti wrinkle plants and their constituents.  | <b>05</b> |
| <b>Q.4</b>  | (a) | Write a note on preservatives and antioxidants used in the cosmetic formulations.                                | <b>06</b> |
|             | (b) | Discuss advantages and market of herbal hair colorants.  | <b>05</b> |
|             | (c) | Write a note on importance use of Aloe in skin and hair care.  | <b>05</b> |
| <b>Q.5</b>  | (a) | Write about historical background, present status and scope of herbal cosmetics.                                 | <b>06</b> |
|             | (b) | Discuss importance of antioxidant herbs in skin care.  | <b>05</b> |
|             | (c) | Discuss significance of use of hair tonics and write a note on hair tonic herbs.                                 | <b>05</b> |
| <b>Q. 6</b> | (a) | Write in detail about skin structure (Draw diagram).   | <b>06</b> |
|             | (b) | Write a note on antiseptic, antibacterial and antifungal herbs used in cosmetics.                                | <b>05</b> |
|             | (c) | Write note on apricot and almond.  | <b>05</b> |
| <b>Q.7</b>  | (a) | Enlist protective agents and bleaching agents used in herbal cosmetics. Give their importance.                   | <b>06</b> |
|             | (b) | Write a note on use of natural colours in herbal cosmetics with examples.  | <b>05</b> |
|             | (c) | Write a note on advantages of herbal cosmetics.  | <b>05</b> |

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