

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY
B.PHARM. - SEMESTER-VII• EXAMINATION – WINTER -2020**Subject Code: 2270011****Date: 16/01/2021****Subject Name: Herbal Cosmetics****Time: 10:30AM To 12:30PM****Total Marks: 54****Instructions:**

1. Attempt any **THREE** questions from Q-1 to Q-6.
2. Q.7 is compulsory to attempt.
3. Make suitable assumptions wherever necessary.
4. Figures to the right indicate full marks.

- Q.1** (a) Explain present status of herbal cosmetic in India. **06**
(b) Write a note on classification of herbal cosmetics. **05**
(c) What is the role of fixed oils, waxes and gums in manufacturing of herbal cosmetics as a raw material? **05**
- Q.2** (a) Write a note on skin structure and physiology. **06**
(b) Give the difference between anti-perspirant and deodorant formulation and its ingredients. **05**
(c) Write a note on plants used for decreasing the pigmentation. **05**
- Q.3** (a) Write a short note on herbs used as anti-septic, anti-bacterial and anti-fungal with examples. **06**
(b) Give B.S., Family, C.C. and cosmetic uses of following crude drugs: **05**
(1) Bavchi (2) Shikakai
(c) How drugs are used as a free radical scavenger? Give its importance in herbal cosmetics. **05**
- Q.4** (a) Enumerate and discuss the list of permitted colors and flavors for cosmetics. **06**
(b) Define anti-dandruff. Enlist any four antidandruff plants with their active ingredients. **05**
(c) What is the role of Chandan and Khus in herbal skin care preparation? **05**
- Q.5** (a) Discuss in details about BIS guidelines for herbal cosmetics. **06**
(b) Write a note on regulatory provision for packaging and labeling of herbal cosmetics in respect to rule-150A and schedule-S of drugs and cosmetics Act (1940). **05**
(c) Give B.S., Family, C.C. and cosmetic uses of following crude drugs: **05**
(1) Bhringaraja (2) Almond
- Q. 6** (a) Explain giving example: Protective agent, Bleaching agent, Preservatives and anti-oxidant. **06**
(b) Briefly describe the various raw ingredients used in manufacturing of hair care products. **05**
(c) Write a note on anatomy and physiology of Hair. **05**
- Q.7** (a) Give B.S., Family, C.C. and cosmetic uses of following crude drugs: **06**
(1) Brahmi (2) Manjistha (3) Aritha
- OR**
- (a) Write a note on freshening agents. **06**
- OR**
- (a) Write a note on anti-ageing and cleansing agents. **06**