

GUJARAT TECHNOLOGICAL UNIVERSITY
B.PHARM - SEMESTER VII • EXAMINATION – WINTER 2017

Subject Code: 2270011

Date: 16/11/2017

Subject Name: Herbal Cosmetics

Time: 10:30am 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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| Q.1 | (a) Write the scope and historical background of herbal cosmetics. | 06 |
| | (b) Classify herbal cosmetics. | 05 |
| | (c) Describe market and present status of herbal cosmetics. | 05 |
| Q.2 | (a) Describe the structure and functions of skin. | 06 |
| | (b) Explain role of fixed oils and waxes in skin and hair care cosmetics. | 05 |
| | (c) Define and describe; hair groomers and hair growth promoters. | 05 |
| Q.3 | (a) Explain giving example; protective agent, bleaching agent, preservative and antioxidant. | 06 |
| | (b) Describe role of gum and hydrocolloid in preparation of herbal cosmetics. | 05 |
| | (c) Classify herbal skin care cosmetics. | 05 |
| Q.4 | (a) Write the importance of aloe and almond in skin care cosmetics. | 06 |
| | (b) Describe the role of saffron and haldi in skin care cosmetics. | 05 |
| | (c) Define freshening agent giving suitable examples. | 05 |
| Q.5 | (a) Write biological source, family, chemical constituents and uses of brahmi, manjistha and aritha | 06 |
| | (b) Describe the types of herbal hair care cosmetics. | 05 |
| | (c) Write the anatomy and physiology of hair. | 05 |
| Q. 6 | (a) Write biological source, family, chemical constituents and uses of bavchi, amla and aloe. | 06 |
| | (b) Write on the herbs used as anti-wrinkle and free radical scavenger. | 05 |
| | (c) Define anti-dandruff, name four antidandruff plants with their active ingredients. | 05 |
| Q.7 | (a) Describe the regulatory provision for packaging and labeling of herbal cosmetics in respect to Rule 150A and Schedule S of Drugs and cosmetics Act (1940). | 06 |
| | (b) Justify; herbs as antibacterial and antifungal. | 05 |
| | (c) Enlist permitted colours and flavours for herbal cosmetics | 05 |
