

**BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI
(END SEMESTER EXAMINATION)**

**CLASS: M. PHARM
BRANCH: PHARMACY**

**SEMESTER : 1st
SESSION : SP/2025**

SUBJECT: MPH204T COSMETICS AND COSMECEUTICALS

TIME: 3 Hours

FULL MARKS: 75

INSTRUCTIONS:

1. The missing data, if any, may be assumed suitably.
 2. Before attempting the question paper, be sure that you have got the correct question paper.
 3. Tables/Data hand book/Graph paper etc. to be supplied to the candidates in the examination hall.
 5. Answer any five questions.
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- Q.1(a) Discuss in general preservation of cosmetics [8]
Q.1(b) Discuss broadly the amphoteric surfactants used for cosmetics. [7]
- Q.2(a) Discuss in details about the causes of body odour and also the novel ingredients used for removal of body odour. [7]
Q.2(b) Discuss in details about the classification of Miliaria [8]
- Q.3(a) Write a note on the aetiology of formation of dental caries. Discuss the ingredients for formulation of a toothpaste for sensitive teeth. [8]
Q.3(b) Illustrate the growth cycle of hairs and associated diseases. [7]
- Q.4(a) Discuss the different categories of Emollients. [7]
Q.4(b) Answer in short: [8]
i) Transepidermal water loss, ii) Types of Moisturizers with examples, iii) SPF, iv) Antidandruff Shampoos
- Q.5(a) Elaborate requisites of Indian standard for herbal drugs and associated guidelines [7]
Q.5(b) Discuss Prohibition of manufacturing (referring schedule Q), offences and penalties for sale/loan license of certain cosmetics. [8]
- Q.6(a) Discuss Indian regulatory requirements for labeling of cosmetics? [8]
Q.6(b) Elaborate the regulatory provisions for import of cosmetics? [7]
- Q.7(a) Discuss the properties of ingredients used in traditional Beeswax-Borax Cream. [8]
Q.7(b) Write a short note on cosmetic preparations intended for acne treatment. [7]

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