

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

CLASS: M. PHARM
BRANCH: PHARMACY

SEMESTER : II
SESSION : SP/18

SUBJECT: MPH2007 COSMETIC AND COSMECEUTICALS

TIME: 3 HOURS

FULL MARKS: 60

INSTRUCTIONS:

1. The question paper contains 7 questions each of 12 marks and total 84 marks.
 2. Candidates may attempt any 5 questions maximum of 60 marks.
 3. The missing data, if any, may be assumed suitably.
 4. Before attempting the question paper, be sure that you have got the correct question paper.
 5. Tables/Data hand book/Graph paper etc. to be supplied to the candidates in the examination hall.
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- Q.1(a) Discuss the structural variations that set in skin during ageing. [6]
Q.1(b) Discuss the harm caused by UV radiation. Classify sun screen agents and write brief note on it. [6]
- Q.2(a) Discuss the cause of body odor. What is the difference between antiperspirants and deodorants? Why USA declared it as drug? [6]
Q.2(b) Name the preparations available for antiperspirants and deodorants, discuss with formula. [6]
- Q.3(a) Describe the structure of hair and its growing cycle . [6]
Q.3(b) Discuss in brief the formulation of antidandruff shampoo. [6]
- Q.4(a) Define, cosmetics, Cosmoceuticals & herbal cosmetics and substandard & misbranded cosmetics. [6]
Q.4(b) Describe legal requirements for manufacture and import of Cosmetics. [6]
- Q.5(a) Discuss the challenges associated with development of Herbal cosmetics. [6]
Q.5(b) Define preservatives used in herbal formulations with example. [6]
- Q.6(a) What do you mean by hair care product? Describe any two with formula. [6]
Q.6(b) What do you mean by dental care product? Describe any two with formula. [6]
- Q.7(a) Discuss Perfumes and its importance. [6]
Q.7(b) Specify Building blocks for formulation of a moisturizing cream, vanishing cream, and toothpaste. [6]

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