

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

CLASS: M.PHARM
BRANCH: PHARMACY

SEMESTER : II
SESSION : SP/19

SUBJECT: MPH204T COSMETIC & COSMECEUTICALS
TIME: 3.00 Hrs

FULL MARKS: 75

INSTRUCTIONS:

1. The question paper contains 7 questions each of 15 marks and total 105 marks.
 2. Candidates may attempt any 5 questions maximum of 75 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) What is the meaning of i. Intrinsic ageing ii. Extrinsic ageing, iii. Cosmeceuticals iv. Neoceuticals [7]
Q.1(b) Discuss skin pigmentation & its role. [8]
- Q.2(a) Why the 'antiperspirants' are therapeutic and 'Deodorants' are non therapeutic. [7]
Q.2(b) Discuss in brief structure of hair & are not free from chemicals- Comment on this statement its growth cycle. [8]
- Q.3(a) Write detailed note on 'Sun Protection' along with ingredients used. [7]
Q.3(b) 'Herbal Cosmetics for hair care are not free from chemicals' - Comment on this statement. - [8]
- Q.4(a) Discuss regulatory requirements for Import of Cosmetics. [7]
Q.4(b) Define Perfumes, write its characteristics and method of preparation including its containers. [8]
- Q.5(a) What do you mean by contract manufacturing and loan licensing? [7]
Q.5(b) Define: (i) cosmetics (ii) spurious cosmetics and (iii) adulterated cosmetics r. [8]
- Q.6(a) Why preservatives are used in cosmetics? Specify different preservatives used. [7]
Q.6(b) How would you evaluate Preservatives in formulations? [8]
- Q.7(a) Discuss different Building Blocks for Cosmetic Formulations. [7]
Q.7(b) How would you set up Cosmetic manufacturing Industry? [8]

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