

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

CLASS: M. PHARM.
BRANCH: PHARMACY

SEMESTER : II
SESSION : SP/19

SUBJECT: MPG204T HERBAL COSMETICS

TIME: 3:00 Hours

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) Define herbal cosmetics. Write down the biological source, chemical constituents and uses of turmeric, aloe and hibiscus. [7]
- Q.1(b) Describe the role of medicinal plants in the formulation of sunscreen. Explain with suitable example. [8]
- Q.2(a) Name the herbs used for the formulation of fairness cream. Write down the method of preparation of face cream. [7]
- Q.2(b) Write in brief about regulatory provisions in relation to manufacture of cosmetics. Write two offences and penalties in cosmetics. [8]
- Q.3(a) Write short on Natural colourants and diluents. [7]
- Q.3(b) Write short notes on Preformulation and toxicity studies. [8]
- Q.4(a) Write down the various types of skin and their features. What are the herbs used for dry skin. [7]
- Q.4(b) Describe the physiology of skin. Discuss the various functions of skin. [8]
- Q.5(a) Write down the method of preparation and evaluation of moisturizing cream. [7]
- Q.5(b) Name the herbs used for hair growth. How will you prepare the hair growth promoter formulation using herbs? [8]
- Q.6(a) Discuss the method of formulation and evaluation of lipstick. [7]
- Q.6(b) Discuss the various equipment and plant requirement for herbal cosmetics. [8]
- Q.7(a) Describe the quality control parameters of Herbal jel. [7]
- Q.7(b) Write down the various stages in preparation of herbal cream. Give the evaluation parameters of it. [8]

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