

AQ-589

Faculty of Cosmetic Technology
M.Tech. (Perfumes & Colours) Semester-II
Examination
ADVANCED COLOUR—I
Paper-2-T-2

Time : Three Hours]

[Maximum Marks : 80

INSTRUCTIONS TO CANDIDATES

- (1) All questions carry equal marks.
 - (2) Answer all **FIVE** questions.
 - (3) Diagrams and Chemical equations should be given wherever necessary.
 - (4) Use pen of Blue/Black ink/refill only for writing the answer book.
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1. Define Colour. Write in detail classification of it. Give special emphasis on colour obtained from natural sources like plant, animal and mineral source. 16
 2. Write in detail about analysis of colour including instrumental and chromatographic methods. 16

3. Give a detailed account on methods of preparation and manufacture of dyes, pigments and lakes including raw material. 16

OR

Explain Vat Dyes in detail. Give a detailed account of Indigo group, its properties and derivatives. 16

4. Explain in detail theory of colour formation at molecular level including studies of rule of multiplicity. 16
5. How safe are colours used in cosmetics ? Write in detail. 16

OR

Write notes on :

- (i) Classification of synthetic colours
- (ii) Flow sheets of dyes like Indigo and azo dyes. 16