

AU-901

Faculty of Cosmetic Technology
M.Tech. (Perfumes and 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) Illustrate your answers wherever necessary with the help of neat sketches.
 - (4) Use pen of Blue/Black ink/refill only for writing the answer book.
1. Explain in detail various instrumental methods to detect colors and dyes. 16
 2. Discuss in detail classification of natural and synthetic colors and add a note on FDA classification. 16
 3. Explain in detail preparation and manufacture of dyes and pigments. 16
 4. Discuss in detail safety measures to be considered for use of colors, pigments and lakes in cosmetic preparation. 16
 5. Describe the process including flow diagrams to prepare and manufacture indigo dye and azo dye. 16

OR

Explain in detail about color formation at molecular level and add a note on rule of multiplicity. 16