

**Sardar Bhagwan Singh University, Balawala, Dehradun**  
**School of Pharmaceutical Sciences and Technology**

**Ninth Assignment**

**M. Pharm Pharmacognosy I Year (II Sem)**

**Subject: Herbal Cosmetics (MPG 204T)**

**Total Marks: 30**

**Submission Time: 27 May; 23:59 PM**

**Section A: Multiple choice questions (1 Mark Each)**

1. For water-in-oil emulsions, water globules can be examined by using
  - a. Methylene Blue
  - b. Sudan IV
  - c. Methylene Red
  - d. a and b both
2. OECD guidelines for neurotoxicity are
  - a. 453
  - b. 451
  - c. 424
  - d. 408
3. NOAEL stands for
  - a. No-observed adverse effect levels
  - b. No adverse effect levels
  - c. Newly observed activity effect levels
  - d. none
4. An area of 15 square meters is recommended in schedule M II for which of the following preparations
  - a. Hair dyes
  - b. Tooth powders
  - c. Aerosols
  - d. All of above
5. Identify non separative instrumental technique
  - a. Distillation
  - b. NIR
  - c. NMR
  - d. Both b & c

**Section B: True / False / Fill ups (1 Mark Each)**

1. Tallow derivatives are obtained from microbes.
2. Iron reacts with thiocyanate in acidic conditions to form intense \_\_\_\_\_ colour compounds and chloride is readily detected with mercury thiocyanate in the presence of iron ions.
3. Soaps are made transparent by use of \_\_\_\_\_
4. GC instruments recorders are used to measure and print the peak areas.
5. OECD guidelines 451 & 53 both are for chronic toxicity

**Section C: Short answer questions (5 Marks Each)**

1. Explain toxicity screening and test methods in detail.
2. Write short note on: soaps and bath products

**Section D: Long answer question (10 Marks)**

1. Discuss analysis of cosmetics in detail with suitable examples of cosmetic formulations.