

**Sardar Bhagwan Singh P.G Institute of Biomedical Sciences & Research  
Balawala, Dehradun**

**School of Pharmaceutical Sciences and Technology**

**Eighth Assignment**

**B. Pharm Pharmacognosy IV Year (VIII Sem)**

**Subject: Herbal Drugs and Cosmetics (PHR 805 A)**

**Total Marks: 30**

**Submission Time: 20 May, 23:59 PM**

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

1. Bhangra is most common drug used in hair care products, its biological name is
  - a. *Wedelia calendulacea*
  - b. *Wedelia chinensis*
  - c. *Moringa oleifera*
  - d. None
2. Shea butter oil is used in preparation of hair oils, it is obtained from
  - a. *Vitellaria paradoxa*
  - b. *Olea europaea*
  - c. *Simmondsia chinensis*
  - d. *Melaleuca alternifolia*
3. Breamer's Reagent is used for detection of
  - a. Lipids
  - b. Glycosides
  - c. Tannins
  - d. Alkaloids
4. Mandelin's Reagent is used for identification of
  - a. Lipids
  - b. Glycosides
  - c. Tannins
  - d. Alkaloids
5. Vogel Johnson agar media is used for microbial testing of
  - a. *Bacillus subtilis*
  - b. *Staphylococcus aureus*
  - c. *Candida albicans*
  - d. *Escherichia coli*

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

1. Baird Parker agar gives pink color changing to purple color to colonies of *Pseudomonas aeruginosa*.
2. The hair straightening products reacts with keratin, breaking and rearranging the disulfide bridges.
3. Iodine value gives idea of drying character of oil.
4. Average length of the carbon chain in the oils or fats is given by acid value.
5. *Buxus chinensis* is botanical name of jojoba oil.

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

1. Write short note on:
  - a. Hair care products
  - b. Skin care products

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

1. Analysis of fats and oils is import in ayurvedic formulations, discuss it in detail.