

Total No. of Questions :8]

[Total No. of Printed Pages :2

[2]

Roll No.....

PY-805 (A)
B.Pharmacy VIII Semester
Examination, June 2017
Perfumes and Colours
(Elective - II)
Time : Three Hours

Maximum Marks : 70

Note: i) Answer any five questions.
 ii) All questions carry equal marks.

1. Give classification of odour. How do you define odour and perfumes? Give chemical classification of perfumes obtained from plant and animal sources. Write brief notes on deodorants and aromatic waters.
2. What do you know about essential oils? Discuss various physical and chemical properties of essential oils. Discuss any two methods for isolation of essential oils.
3. Write brief account on following:
 - a) Analysis and standardization of perfumes
 - b) Toxicological aspects of use of perfumes
 - c) Safety study of perfumes on naked skin
4. Discuss various applications of perfumes in various cosmetic products. Write a note on cologne.

PY-805 (A)

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5. Give definitions of color, lake, dye and pigment. Discuss Hund's rule of multiplicity volume band approach and molecular orbital approach to odour.
6. Give detailed classification of colours. Giving examples, discuss various colours obtained from natural sources like plant and animal sources, colours obtained from mineral sources, synthetic colours etc.
7. a) Give FDA classification of colours. Illustrate your answer with suitable examples.
 b) Discuss applications of various colours in various cosmetics. Enrich your answer with suitable examples.
8. Discuss various physicochemical properties of dyes, lakes and pigments. Comment on "Regulatory aspects of use of colours in drug and cosmetics as per schedule Q of drug and cosmetic act.

512

PY-805 (A)