

Day: Thursday

Time: 10.00 AM TO 01.00 PM

Date: 16/11/2017

W-2017-3834

Max. Marks: 80

N.B.:

- 1) Q. No. 1 and Q. No. 5 are **COMPULSORY**. Out of the remaining attempt any **TWO** questions from each section.
- 2) Figures to the right indicate **FULL** marks.
- 3) Answers to both the sections should be written in **SEPARATE** answer book.

SECTION-I

- Q.1** Answer any **FIVE** of the following: (10)
- a) Drug products can be cosmetics. Comment about this sentence.
 - b) What are the polymer used in skincare product?
 - c) What are depilatories?
 - d) Write applications of vanishing cream.
 - e) What is mechanism of cleansing cream action?
 - f) What do you mean by abrasives in toothpastes?
- Q.2** a) Explain compositions and types of shampoos with their role. (10)
b) Explain types of moisturization of skin with suitable examples. (05)
- Q.3** a) Explain role of each ingredients in cold cream. (08)
b) Give principles of tooth pastes and tooth powder with ingredients roles. (07)
- Q.4** Write short notes on any **THREE** of the following: (15)
- a) Depilatories
 - b) Emollients
 - c) Natural moisturizing factor
 - d) Mouthwashes

SECTION-II

- Q.5** Answer any **FIVE** of the following: (10)
- a) What is sweating of lipsticks?
 - b) Which solvents are used in nailpaint removers?
 - c) What are the advantages of Herbal cosmetics?
 - d) What are liposomes?
 - e) What are ideal requirements of preservatives in cosmetics?
 - f) What is use of sandalwood in cosmetics?
- Q.6** a) What are the regulatory requirements for sale and manufacturing of cosmetics? (10)
b) Discuss different herbal hair cosmetics. (05)
- Q.7** a) Give composition and roles of manicure products. (08)
b) How psychometric evaluation of mouthwashes can be done? (07)
- Q.8** Write short notes on any **THREE** of the following: (15)
- a) Hair waving
 - b) Nailpaint formulation
 - c) Multiple emulsion cosmetics
 - d) Cosmetic surgery