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Total No. of Pages :02

Total No. of Questions : 10

**B.Pharma (2011 to 2016) (Sem.-1)**  
**INTRODUCTION TO DOSAGE FORM**  
Subject Code :BPHM-105  
M.Code : 46205

Time : 3 Hrs.

Max. Marks : 80

**INSTRUCTIONS TO CANDIDATES :**

1. SECTION-A is COMPULSORY consisting of FIFTEEN questions carrying TWO marks each.
2. SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.
3. SECTION-C contains FOUR questions carrying TEN marks each and students have to attempt any THREE questions.

**SECTION-A****1. Define the following :**

- a) Who can become a registered pharmacist?
- b) What is invert syrup?
- c) What is maceration?
- d) What is elixir?
- e) Define Draught.
- f) What are gargles?
- g) What is borax glycerine and what is its use?
- h) Give two examples each of water and oil soluble antioxidants.
- i) Mention the use of tannic acid glycerine.
- j) What are lubricants? Give two examples.
- k) What are expectorants and their use?





- l) What are spirits? Mention their uses.
- m) Define Tincture and mention the use of iodine tincture.
- n) What is a dry extract?
- o) Name two regulatory bodies that govern pharmaceutical education standards in India.

#### SECTION-B

- 2. Briefly discuss the development of pharmacy profession in India.
- 3. What are aromatic waters? Discuss their preparation and uses.
- 4. What are primary and secondary emulsifying agents? Highlight their functions and give two examples of each.
- 5. What are mouth washes? Mention their ingredients highlighting the function of each ingredient.
- 6. Give a brief account of coloring agents used in pharmaceuticals.

#### SECTION-C

- 7. What are suspensions? Differentiate between flocculated and deflocculated suspensions. Mention the key additives used in suspensions.
- 8. Give examples of hydrocolloids. Mention their uses in pharmaceutical dosage forms.
- 9. Discuss different methods of extraction giving applications and limitations of each method.
- 10. Give an account of methods used for standardization of extracts.

**NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.**

