

C.U.SHAH UNIVERSITY

Winter Examination-2018

Subject Name: Pharmaceutics I –Theory**Subject Code:** BP103T**Branch:** B.Pharm**Semester:** 1**Date :** 30/11/2018**Time :** 02:30 To 05:30**Marks :** 75

Instructions:

- (1) Use of Programmable calculator & any other electronic instrument is prohibited.
- (2) Instructions written on main answer book are strictly to be obeyed.
- (3) Draw neat diagrams and figures (if necessary) at right places.
- (4) Assume suitable data if needed.

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- Q-1** **Define the following terms with suitable examples & equations** **(20)**
- a) Tablet triturates.
 - b) Proof spirit,
 - c) Cachets
 - d) Draught
 - e) Insufflation
 - f) Lozenges
 - g) Young's formula and Dilling's formula
 - h) Patient counseling
 - i) Labeling requirements for Inhalation
 - j) Suspending agents
- Q-2** **Attempt any two of following :** **(20)**
- A** Define emulsions. Give the different tests for identification of type of an emulsion. Discuss various reasons for the cracking of emulsion. **10**
- B** Define posology and discuss factors affecting dose calculations. **10**
- C** Enumerate various suppository bases. Explain displacement value and its calculation in suppository. **10**
- Q-3** **Attempt any Seven of following :** **(35)**
- A** Discuss scope of pharmacy as a career. **5**
- B** Define prescription and explain the parts of prescription in detail. **5**
- C** Explain the sources of errors in prescription. **5**
- D** List out the oral unit dosage form and explain any one in detail. **5**
- E** What do you understand by therapeutic and toxic dose? **5**
- F** Distinguish the following pairs I) Lotion with liniments, II) Gargles with mouthwash **5**
- G** Define & Classify Powder. Discuss effervescent Powder. **5**
- H** What is primary emulsion? How is it prepared? **5**
- I** Classify mixtures and discuss diffusible mixture **5**

