

GUJARAT TECHNOLOGICAL UNIVERSITY
B.PHARM - SEMESTER- 3 EXAMINATION – SUMMER -2019

Subject Code: 2230001

Date: 30-05-2019

Subject Name: Dispensing Pharmacy I and Drug Store Management

Time: 02:30 PM TO 05:30 PM

Total Marks: 80

Instructions:

1. Attempt any five questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

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|-------------|-----|--|-----------|
| Q.1 | (a) | Define prescription. Explain in brief various parts of typical prescription. | 06 |
| | (b) | Define Posology. Discuss in brief the factors which influence Dose. | 05 |
| | (c) | Discuss various methods of calculating dose for infants and children. | 05 |
| Q.2 | (a) | Discuss general procedure of prescription handling. | 06 |
| | (b) | Enumerate the oral unit dosage form. Write a note on tablet triturate. | 05 |
| | (c) | How much of a 3 % will be required to prepare 500 ml of a 1 in 400 solution? | 05 |
| Q.3 | (a) | Explain Effervescent Powders in detail. | 06 |
| | (b) | Define Creaming. Discuss the factor affecting the rate of creaming of an emulsion. | 05 |
| | (c) | Explain storage and stability of medicines. | 05 |
| Q.4 | (a) | Differentiate between
1) Mixture and Draughts
2) Syrup and Elixirs | 06 |
| | (b) | Define and explain in detail isotonic solution | 05 |
| | (c) | How to dispense the powder containing explosive ingredients and eutectic mixture. | 05 |
| Q.5 | (a) | Classify solutions. Advantage & disadvantage of solutions. | 06 |
| | (b) | Differentiate: liniments and lotions. | 05 |
| | (c) | Explain the following. 1) Draughts 2) Linctus 3) Elixirs 4) Gargles 5) Enemas | 05 |
| Q. 6 | (a) | Discuss in detail design of drug store. | 06 |
| | (b) | Differentiate between the Retailers and Wholesalers. | 05 |
| | (c) | Discuss ABC analysis. | 05 |
| Q.7 | (a) | Write a short note on calculation of retail price of drug formulation. | 06 |
| | (b) | Discuss objectives and significance of purchasing. | 05 |
| | (c) | Explain the term 'Inventory control'. What are its functions? | 05 |
