

**PARUL UNIVERSITY**  
**PARUL INSTITUTE OF PHARMACY**  
**B.PHARM FIRST SEMESTER**

**SECOND INTERNAL THEORY EXAMINATION: 2018-19**

**Subject Name: Pharmaceutics-I (Theory)**

**Subject Code: BP103 T**

**Time: 01:15 pm to 02:30 pm**

**Date: 28/11/2018**

**Total Marks: 30**

**Instructions:**

1. Figures to the right indicate full marks.
2. Make suitable assumptions wherever necessary.

**Q.1 Multiple Choice Questions:**

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|------|--|----|
| (1)  | Colloidal Magnesium Aluminium Silicate is known as   | 01 |
|      | (a) Bentonite (b) Hectorite (c) Veegum (d) Carbopol  |    |
| (2)  | It is not an oleaginous base   | 01 |
|      | (a) White Paraffin (b) Yellow Paraffin (c) Hard Paraffin (d) Lanolin   |    |
| (3)  | The Example for Fatty base for suppositories is  | 01 |
|      | (a) Theobroma Oil (b) Emulsified Theobroma Oil (c) Hydrogenated Oil (d) All of the Above   |    |
| (4)  | Displacement Value is of   | 01 |
|      | (a) Suppository Base (b) Medicament (c) Ointment Base (d) Cream Base   |    |
| (5)  | To Prepare Calamine lotion we will require   | 01 |
|      | (a) Gum in Ratio 4:2:1 (b) ) Gum in Ratio 3:2:1 (c) ) Gum in Ratio 2:2:1 (d) None of the above   |    |
| (6)  | Chemical incompatibility can occur due to  | 01 |
|      | (a) Oxidation (b) Reduction (c) Hydrolysis (d) All of the above  |    |
| (7)  | Immiscibility can be resolved by   | 01 |
|      | (a) Dispensing separately (b) By using an emulsifier (c) By Geometric Mixing (d) By changing order of mixing                             |    |
| (8)  | Agar cup plate method can be used to determine   | 01 |
|      | (a) Rate of release of medicament from base (b) Consistency of preparation (c) Absorption of medicament to blood stream (d) Drug Content |    |
| (9)  | “ SHAKE WELL BEFORE USE” is not required for   | 01 |
|      | (a) Emulsion (b) Suspension (c) Ointment (d) All of the Above  |    |
| (10) | Pastes   | 01 |

(10) Pastes

01

- (a) Melt at ordinary temperature (b) O/W preparation (c) very thick and stiff  
(d) used for rectal application

Q.2 Long Answers: (Any One)

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- (1) Explain in detail instability of emulsion and its reasons.  
(2) Write a note on Bases used in preparation of ointments.

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Q.3 Short Answers: (Any Two)

- (1) Explain therapeutic incompatibility.  
(2) Fusion method to prepare suppository.  
(3) Write difference between pastes and ointments.

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