

PARUL UNIVERSITY
PARUL INSTITUTE OF PHARMACY
B.PHARM FIRST SEMESTER

FIRST INTERNAL THEORY EXAMINATION: 2018-19

Subject Name: PHARMACEUTICS-I

Subject Code: BP103T

Time: 02:00 p.m. to 03:15 p.m.

Date: 26/09/2018

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) | Concentration of Simple syrup IP is | 01 |
| | (a) 67.6% w/v (b) 66.7% w/w (c) 76.6 % w/v (d) 85% w/v | |
| (2) | This is the characteristics of a Suspension | 01 |
| | (a) Zeta Potential (b) Sedimentation (c) Caking (d) All of the above | |
| (3) | This formulation will have better absorption than syrup | 01 |
| | (a) Tablet (b) Capsules (c) Suspension (d) None of the above | |
| (4) | Elixirs are | 01 |
| | (a) Sweeter than syrup (b) More viscous than syrup (c) Can dissolve some water insoluble drugs (d) Suitable for pediatric population | |
| (5) | This dosage form is not suitable for ophthalmic application | 01 |
| | (a) Solution (b) Ointment (c) Liniment (d) All of the above | |
| (6) | Suspensions are | 01 |
| | (a) Homogenous (b) Monophasic (c) Chemically Unstable (d) Thermodynamically Unstable | |
| (7) | These are the excipients that impart aesthetic properties to formulation | 01 |
| | (a) Color & Flavor (b) Antioxidants (c) Preservatives (d) All of the above | |
| (8) | 1 drop is equivalent to | 01 |
| | (a) 0.1 minim (b) 0.06 minim (c) 1 ml (d) 1 minam | |
| (9) | Which is the largest unit among these | 01 |
| | (a) Fluid ounce (b) Pint (c) Quart (d) Fluid Drachm | |

(10) Latest Indian Pharmacopoeia is 01
(a) 2018 (b) 2010 (c) 2013 (d) 2014

Q.2 Long Answers: (Any One)
(1) Enlist the different Excipients used in preparation of Liquid Dosage Forms. 10
(2) Explain factors influencing dose. 10

Q.3 Short Answers: (Any Two)
(1) How do Suspending agents Act? 05
Explain in brief the Natural Suspending Agents.
(2) Explain in detail the source of errors in prescription. 05
(3) How can we classify Suspension? 05
