

GUJARAT TECHNOLOGICAL UNIVERSITY
DIPLOMA PHARMACY- SEMESTER – II • EXAMINATION – SUMMER 16

Subject Code: 420001**Date: 28.04.2016****Subject Name: Pharmaceutics-II****Time: 10:30 AM TO 01:30 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) Which are problems of manufacturing of liquid dosage form? | 06 |
| | (b) Write a note on HLB value. | 05 |
| | (c) Describe various properties of suspensoids. | 05 |
| Q.2 | (a) Define Prescription. Write different parts of Prescription. | 06 |
| | (b) Write various factors affecting Dose of Drug. | 05 |
| | (c) Classify solid dosage form. Write classification, advantage and disadvantages of powder. | 05 |
| Q.3 | (a) Classify incompatibilities. Discuss various ways of correction of incompatibilities | 06 |
| | (b) Write note on Herapath reaction. | 05 |
| | (c) Write note on Cocoa butter and Gelato glycerin as a suppository base | 05 |
| Q.4 | (a) Write difference between following:
I) liniment and lotion.
II) Flocculated suspension and Deflocculated suspension. | 06 |
| | (b) Define emulsion. Discuss methods for identification of type of emulsion. | 05 |
| | (c) Classify ointment base. Write ideal properties of an ointment base. of an | 05 |
| Q.5 | (a) Write Quality control Test to evaluate parenteral products. | 06 |
| | (b) Write Ideal requirement of parenteral preparation. Write advantage and disadvantages of parenteral preparation. | 05 |
| | (c) Write a note on Total Parenteral Nutrition. | 05 |
| Q. 6 | (a) Discuss various problems and remedies of powder. | 06 |
| | (b) Write a note on Eye Drops. | 05 |
| | (c) Define cosmetics. Write ideal qualities and formulation ingredients of lipsticks. | 05 |
| Q.7 | (a) Write a note on Dentifrices. | 06 |
| | (b) Comment on following recipes...
Rx,
Sodium iodide 0.9 gm
Caffeine citrate 0.6 gm
Water to make 30 ml | 05 |
| | (c) Discuss various application and theory of emulsion. | 05 |