

[KZ 802]

OCTOBER 2011

Sub. Code: 3802

**DOCTOR OF PHARMACY (PHARM. D) DEGREE EXAMINATION****FIRST YEAR****PAPER II – PHARMACEUTICS***Q.P. Code: 383802***Time: Three Hours****Maximum: 100 marks****Answer ALL questions in the same order.****I. Elaborate on :****Pages Time Marks  
(Max.) (Max.) (Max.)**

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|--|----|---------|----|
| 1. Discuss about posology. Explain about the factors affecting the dose and action of drugs with examples. | 17 | 40 min. | 20 |
| 2. Explain in detail about suppository bases with examples.  | 17 | 40 min. | 20 |

**II. Write notes on :**

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|---|---|---------|---|
| 1. a) Give the Latin terms for the following:<br>1. Food 2. Twice a day 3. apply  |   |         |   |
| b) Give the English meaning for the following:<br>1. Pulvis 2. Receipe 3. Solve   | 4 | 10 min. | 6 |
| 2. Explain about soxhlation?  | 4 | 10 min. | 6 |
| 3. What are colouring agents? Explain them with example.  | 4 | 10 min. | 6 |
| 4. What are advantages and disadvantages of suppositories?  | 4 | 10 min. | 6 |
| 5. What is the percentage of zinc oxide in an ointment prepared by mixing 200 g of 10% ointment, 50 g of 20% ointment and 100 g of 5 % ointment?  | 4 | 10 min. | 6 |
| 6. What are the ingredients used in powder formulation?   | 4 | 10 min. | 6 |
| 7. Rx<br>a) Atropine sulphate 0.006<br>Phenobarbital 0.015<br>Aspirin 0.3<br>Sig: One capsule t.i.d<br>Find out the incompatibility problem in the above prescription and the steps to correct it | 4 | 10 min. | 6 |
| b) If 1500g solution containing 75g of a drug substance what is the percentage strength (w/w) of the solution   |   |         |   |
| 8. What is effervescent powder and explain this with example.   | 4 | 10 min. | 6 |
| 9. Explain in brief about surgical sutures.   | 4 | 10 min. | 6 |
| 10. Write about the formulation of suspensions.   | 4 | 10 min. | 6 |

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