

[LB 544]

AUGUST 2012

Sub. Code: 4066

SECOND YEAR M.B.B.S DEGREE EXAM

PHARMACOLOGY – II

Q. P. Code: 524066

Time: 180 Minutes

Maximum: 40 marks

Answer ALL questions in the same order.

I. Elaborate on:

**Pages Time Marks
(Max.)(Max.)(Max.)**

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|--|----|----|----|
| 1. a. Classify the drugs used for the treatment of fungal infections.
b. Explain the mechanism of action, interactions, adverse effects and uses of Ketoconazole. | 16 | 30 | 10 |
| 2. Discuss the pharmacotherapy of Helicobacter pylori infection. | 8 | 20 | 5 |

II. Write notes on:

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|--|---|---|-----|
| 1. Meropenem. | 3 | 8 | 1.5 |
| 2. Adverse effects and uses of Iodides. | 3 | 8 | 1.5 |
| 3. Erythrocytic schizontocidal agents. | 3 | 8 | 1.5 |
| 4. Enumerate the serious complications of oral contraceptives. | 3 | 8 | 1.5 |
| 5. Indications for oral hypoglycemic agents. | 3 | 8 | 1.5 |
| 6. Management of functional constipation. | 3 | 8 | 1.5 |
| 7. Gentamicin – PMMA (Polymethyl methacrylate) chain. | 3 | 8 | 1.5 |
| 8. Management of multi drug resistant Tuberculosis (MDR-TB). | 3 | 8 | 1.5 |
| 9. Clofazimine in Leprosy. | 3 | 8 | 1.5 |
| 10. Fusion inhibitors in HIV infection. | 3 | 8 | 1.5 |

III. Short answers on:

- | | | | |
|---|---|---|---|
| 1. Mechanism of action of Cephalosporins. | 2 | 5 | 1 |
| 2. Post antibiotic effect. | 2 | 5 | 1 |
| 3. Cinacalcet. | 2 | 5 | 1 |
| 4. Name 2 highly selective corticosteroids and give their 2 uses. | 2 | 5 | 1 |
| 5. Precautions for use of tetracyclines. | 2 | 5 | 1 |
| 6. Special pharmacokinetic properties of Azithromycin. | 2 | 5 | 1 |
| 7. Mechanism of action of Paclitaxel. | 2 | 5 | 1 |
| 8. What is Mycophenolate Mofetil and explain its mechanism of action. | 2 | 5 | 1 |
| 9. Name 4 antiseborrheics. | 2 | 5 | 1 |
| 10. Ondansetron as an antiemetic. | 2 | 5 | 1 |
