# ST. GREGORIOS DENTAL COLLEGE, CHELAD

**Q P Code:213002 Second Year Il Internal BDS Degree Regular Examinations, August 2024. Reg No……………….**

**GENERAL & DENTAL PHARMACOLOGY AND THERAPEUTICS (2016 Scheme)**

# Time: 3 hrs Max marks: 70

* Answer all questions to the point neatly and legibly. Do not leave any blank pages between answers.
* Indicate the question number correctly for the answer in the margin space  Answer all parts of a single questions together. Leave sufficient space between answers
* Draw Diagrams wherever necessary

|  |  |  |  |
| --- | --- | --- | --- |
|  | ***LONG ESSAY(10 X 2=20 MARKS)*** | **CO** | K |
| 1 | Classify beta- lactam antibiotics. Explain its mechanism of action and therapeutic uses of amoxicillin. (6+2+2) | **2** | K3 |
| 2 | Enumerate first line antitubercular drugs. Explain the mechanism of action and two specific adverse effect of them . (2+8) | **1** | K4 |
|  | ***SHORT ESSAYS (5X4=20 MARKS)*** |  |  |
| 3 | Enumerate general toxicities of cytotoxic drugs and methods to ameliorate them. | **2** | K5 |
| 4 | Classify calcium channel blockers. Explain the mechanism of action and uses of amlodipine. (2+3) | **2** | K4 |
| 5 | Describe the therapeutic uses and adverse effect of tetracycline antibiotics (3+2) | **1** | K3 |
| 6 | Classify antiretroviral agents with suitable examples. Mention the adverse effect of any one. add a note on post exposure prophylaxis against HIV infection. (3+2) | **2** | K3 |
|  | ***SHORT NOTES (3X10=30 MARKS)*** |  |  |
| 7 | Beta lactamase inhibitors | **3** | K5 |
| 8 | Management of oral candidiasis | **5** | K5 |
| 9 | Digoxin | **2** | K3 |
| 10 | DOTS regimen | **2** | K1 |
| 11 | Explain the mechanism of action and uses of chloroquine. | **4** | K4 |
| 12 | Management of multibacillary leprosy. | **4** | K1 |
| 13 | Explain the adverse effects and therapeutic uses of ciprofloxacin. | **2** | K5 |
| 14 | Mention the common properties of aminoglycoside antibiotics. | **3** | K4 |
| 15 | Amphotericin B | **1** | K1 |
| 16 | Superinfection | **2** | K5 |