# ST. GREGORIOS DENTAL COLLEGE, CHELAD

**Q P Code:213002 Second Year I Internal BDS Degree Supplementary Examinations, November 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 non-steroidal anti-inflammatory drugs. Mention the mechanism of action, adverse effects and therapeutic uses of aspirin. (4+2+2+2) | **2** | K1 |
| 2 | Enumerate the various routes of administration with one example of drugs for each.(8+2) | **2** | K1 |
|  | ***SHORT ESSAYS (5X4=20 MARKS)*** |  |  |
| 3 | Explain transdermal drug delivery system with neat labeled diagram and give two examples. (2+2+1) | **2** | K1 |
| 4 | Mention four inhalational general anaesthetics. Add a note on conscious sedation. (2+3) | **2** | K1 |
| 5 | Explain the mechanism of action, adverse effects and uses of phenytoin sodium. | **2** | K1 |
| 6 | Name any three synthetic opioids. Describe the therapeutic uses and contraindication of morphine. (2+3) | **2** | K1 |
|  | ***SHORT NOTES (3X10=30 MARKS)*** |  |  |
| 7 | Enumerate four benzodiazepines and mention two uses of any one | **1** | K2 |
| 8 | Management of status epilepticus | **1** | K2 |
| 9 | Pre-anesthetic medication | **1** | K2 |
| 10 | Atypical antipsychotics | **3** | K5 |
| 11 | Barbiturates | **1** | K2 |
| 12 | Diazepam | **3** | K5 |
| 13 | Selective serotonin reuptake inhibitors | **3** | K5 |
| 14 | Name any two drugs used in two different types of generalized seizure. Name a drug with route of administration useful in febrile convulsions. | **3** | K5 |
| 15 | Naloxone | **5** | K2 |
| 16 | Tricyclic antidepressants | **2** | K5 |