

**MANIPAL UNIVERSITY****SECOND BDS DEGREE EXAMINATION – JUNE 2012****SUBJECT: GENERAL AND DENTAL PHARMACOLOGY & THERAPEUTICS (ESSAY)  
(NEW REGULATION)**

Monday, June 25, 2012

Time: 14:15 – 17:00 Hrs.

Maximum Marks: 60

- 1A. Classify  $\beta$  adrenergic blockers.
- 1B. Explain four uses of  $\beta$  blockers.
- 1C. Explain briefly about nasal decongestants with examples.
- (4+4+2 = 10 marks)
- 2A. Mention four macrolides and write four uses of any one of them.
- 2B. Mention differences between amoxicillin and ampicillin.
- 2C. Mention four uses and adverse effects of metronidazole.
- (4+3+3 = 10 marks)
- 3. Answer the followings:**
- 3A. Write briefly about topical application of drugs with suitable examples.
- 3B. Explain drug synergism with suitable examples.
- 3C. Mention two diuretics, add a note on mechanism of action and four adverse effects of any one of them.
- 3D. Mention four drugs used in hypertensive emergency. Write the mechanism of action any one of them.
- 3E. Write briefly about vitamin K.
- 3F. Write briefly about second generation of antihistamine.
- 3G. Explain conscious sedation with examples.
- 3H. Write briefly about regular insulin.
- 3I. Mention four fluroquinolones and its four uses.
- 3J. Describe briefly about chelating agents.
- (4×10 = 40 marks)



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