

MANIPAL UNIVERSITY

SECOND BDS DEGREE EXAMINATION – JUNE 2014

SUBJECT: GENERAL AND DENTAL PHARMACOLOGY & THERAPEUTICS (ESSAY)

Saturday, June 21, 2014

Time: 14:15 – 17:00 Hrs.

Maximum Marks: 60

- 1A. Define chemoprophylaxis. Mention three conditions with the specific drug used in prophylaxis.
- 1B. Enumerate tetracyclines. Explain four important adverse effects of tetracycline. Mention four important uses of tetracycline.

(1+3+2+2+2 = 10 marks)

- 2A. Classify local anaesthetics depending upon their duration of action.
- 2B. Explain three objectives of preanaesthetic medication with a specific drug used for each objective.
- 2C. Explain four techniques of local anaesthesia with an example.

(3+3+4 = 10 marks)

3. Answer the following:

- 3A. Explain four factors affecting bioavailability of an orally administered drug.
- 3B. Explain four methods to prolong the duration of action of drugs with suitable examples.
- 3C. Write briefly on mouth washes.
- 3D. Classify insulin preparations based on onset and duration of action.
- 3E. Explain four therapeutically useful actions of aspirin.
- 3F. Write briefly on inhalational steroids.
- 3G. List two non-selective and two cardioselective beta blockers. Mention one use of beta blocker with the pharmacological basis for the same.
- 3H. Write briefly on uses of atropine substitutes.
- 3I. Mention an anti - H pylori regimen with the objectives of combination therapy.
- 3J. Write briefly on potassium sparing diuretics.

(4 marks × 10 = 40 marks)