

00486

**POST GRADUATE DIPLOMA IN
PHARMACEUTICAL SALES MANAGEMENT**

PGDPSM

Term-End Examination

December, 2010

MVE-002 : PHARMACOLOGY AND TOXICOLOGY

Time : 3 hours

Maximum Marks : 75

Note : Answer any five questions. All questions carry equal marks.

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1. (a) What are different routes of drug administration? Discuss any one in detail. 8
(b) Define vitamin. Discuss any two fat soluble vitamins. 7

 2. (a) What are different factors affecting drug absorption? Describe any one factor in details. 7
(b) What are the different kind of drug interaction? Discuss any one in details. 8

 3. Write short notes on following (any three) 3x5=15
 - (a) Acetylcholine
 - (b) Organo-phosphorous compound
 - (c) Narcotic analgesics
 - (d) Benzodiazepines
 - (e) Uses of antihistamine

4. (a) What are the drugs used in the treatment of essential hypertension ?
(b) Elaborate mechanism of action of nitrates.
(c) Discuss the treatment of Anaemia. $3 \times 5 = 15$
5. (a) Write down the different kind of laxative. 5
(b) What are different classes of diuretics? 5
(c) Describe the various drugs used in cough. 5
6. (a) Describe the first line treatment of tuberculosis ? 15
(b) What are antiviral drugs ? Discuss any two most commonly used antiviral drugs.
7. Discuss the following (any three) : $5 \times 3 = 15$
(a) TSH
(b) Sulfonamide
(c) Fluoroquinolones
(d) Drugs used in Malaria
(e) Beta-Lactum antibiotics.
8. (a) What is diabetes mellitus? Brief out the drugs used in Non-insulin dependent (type II) diabetes mellitus. 15
(b) Write a brief note on anabolic steroids.
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