

**POST GRADUATE DIPLOMA IN  
PHARMACEUTICAL SALES MANAGEMENT  
(PGDPSM)**

**Term-End Examination**

**December, 2015**

**MVE-002 : PHARMACOLOGY AND TOXICOLOGY**

*Time : 3 hours*

*Maximum Marks : 75*

**Note :** Attempt *any five* questions. All questions carry *equal* marks.

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|----|--|--------|
| 1. | (a) What are different semi-solid dosage forms ?                                     | 8      |
|    | (b) Discuss different routes of drug administration.                                 | 7      |
| 2. | (a) Discuss various factors affecting drug absorption.                               | 8      |
|    | (b) What are different types of adverse drug reactions ? Explain any two in details. | 7      |
| 3. | (a) Classify adrenergic agents. Discuss the pharmacology of adrenalin.               | 8      |
|    | (b) Classify antiarrhythmic agents and their pharmacological actions.                | 7      |
| 4. | Write short notes on <b>any three</b> :  | 5x3=15 |
|    | (a) Antihyperlipidemic agents.   |        |
|    | (b) Diuretics.   |        |
|    | (c) Vitamin K.   |        |
|    | (d) Serotonin and its antagonists.   |        |
|    | (e) Expectorants.  |        |

5. (a) Classify the drugs used in the treatment of epilepsy. 8  
(b) Write a short notes on narcotic analgesics. 7
6. (a) Explain in detail, inhalational anaesthetics. 8  
(b) Classify antiviral agents. Discuss the pharmacology of acyclovir. 7
7. Discuss the first line and second line drugs used in the treatment of tuberculosis. 15
8. Write short notes on **any three** : 5x3=15  
(a) Treatment of methanol poisoning.  
(b) Antithyroid agents.  
(c) Vitamin B complex.  
(d) Antiseptics and Disinfectants.  
(e) Pharmacodynamic interactions.
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