

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

Term-End Examination

December, 2018

00732

MVE-002 : PHARMACOLOGY AND TOXICOLOGY

Time : 3 hours

Maximum Marks : 75

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

1. (a) What do you understand by dosage forms ?
What are its different types ? Give any five names of semi-liquid/liquid dosage forms. 8
- (b) What are Beta adrenergic blockers ?
Explain with the help of an example. 7
2. (a) Name the factors which modify the drug action. Give the formula to calculate the dose of drug for a normal adult. 7
- (b) Name the important drugs used in the treatment of hyperlipidemia. Discuss these briefly. 8

3. (a) How do the centrally acting muscle relaxants work ? Give any three examples of muscle relaxants. 8
- (b) Draw a labelled diagram of the human urinary system. 7
4. (a) What are prostaglandins ? Discuss any four uses of prostaglandins. 8
- (b) Discuss in brief, the important antiprotozoal agents along with their specific uses. 7
5. (a) Name the bacteria responsible for leprosy and write the names of the drugs used for leprosy. Also describe in brief the alternate therapy used for this disease. 8
- (b) What are antithyroid agents ? List the different antithyroid agents and discuss any two of these. 7
6. (a) What are the factors responsible for the formation of cough ? Describe any two drugs used for cough. 8
- (b) What are narcotic analgesics ? Give the main therapeutic uses of morphine. 7
7. (a) What are cardiac glycosides ? Give their effect on heart and their therapeutic uses. 8
- (b) Define antidiarrhoeal agents. Briefly describe their types. 7

8. (a) What are the main types of antidotes ?
Give antidotes of any *four* of the following
poisons :

8

- (i) Methanol
- (ii) Carbon monoxide
- (iii) Snake bite
- (iv) Insulin
- (v) Mercury
- (vi) Cyanide
- (vii) Oral anticoagulants

(b) Write a short note on any *one* of the
following :

7

- (i) Vitamin B
 - (ii) Trace Elements (Micronutrients)
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