MVE-002

POST GRADUATE DIPLOMA IN PHARMACEUTICAL SALES MANAGEMENT (PGDPSM)

Term-End Examination

December, 2022

MVE-002 : PHARMACOLOGY AND TOXICOLOGY

Time : 3 Hours   *Maximum Marks : 75*

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

1. (a) Write advantages and disadvantages of parentral route of drug administration.   5

    (b) Explain the factors affecting metabolism of a drug in the body.   5

    (c) Describe the factors that modify the drug action.   5

2. Write short notes on any *three* of the following :

3×5=15

(a) Fat soluble vitamins

(b) Cardiac glycosides

(c) Antidiuretics

(d) Antihistamine drugs

3. Explain the therapeutic uses of any *three* :

3×5=15

(a) Antacids

(b) Chloroquine

(c) 5% dextrose solution

(d) Serotonin

4. (a) What is hypertension ? Explain the role of any *three* drugs used for its treatment.   7

(b) What is the difference between expectorant and antitussive ? Give suitable examples of each and write their action.   8

5. (a) Match the drugs in Column-A with their effect in Column-B :   5

            Column A   **Column B**

        (i)   Atropine   (1) Gout

        (ii) Allopurinol   (2) Expectorant

        (iii) Neostigmine   (3) Depletes catecholamines

        (iv) Bromhexine   (4) Myasthenia gravis

        (v)   Reserpine   (5) Anticholinergic

    (b) Define anticholines terases and describe their types.   5

    (c) What are proton pump inhibitors and their therapeutic application ?   5

6. (a) What are general anesthetics ? Describe any *two*. $7\frac{1}{2}$

    (b) What are antiviral agents ? Explain antiviral action of any *three*. $7\frac{1}{2}$

7. Write short notes on any *two* of the following :

                                    $2\times7\frac{1}{2}=15$

    (a) Growth hormone

(b) Antiseptics and disinfectants

(c) Trace elements

(d) Blood clotting

8. Describe the role of anticancer agents.   15

<div align="center">OR</div>

What is diabetes mellitus and its types ? Explain the treatment strategies of this disease.   15