

00892

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

**Term-End Examination**

**December, 2018**

**MVE-001 : INTRODUCTION TO ANATOMY,  
PHYSIOLOGY AND PHARMACEUTICAL  
CHEMISTRY**

*Time : 3 hours*

*Maximum Marks : 75*

*Note : (i) Attempt any five questions.*

*(ii) All questions carry equal marks.*

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|----|-----|--|---|
| 1. | (a) | Explain synthetic drugs with the help of suitable examples and give its advantages.        | 7 |
|    | (b) | Describe thyroid gland and diseases arising from dysfunctioning of the thyroid gland.      | 8 |
| 2. | (a) | Describe any four techniques employed for isolation and purification of phytoconstituents. | 8 |
|    | (b) | Draw a well labelled diagram of the anatomy of the eye.                                    | 7 |
| 3. | (a) | What is leukaemia ? Describe its types.  | 7 |
|    | (b) | Discuss any two air-borne diseases.  | 8 |

4. (a) Describe any four types of deliberate adulteration of herbal drugs. 8
- (b) Differentiate between : 7
- (i) Constipation and Diarrhoea
- (ii) Benign and Malignant Tumours
5. (a) Give the functional groups of **any four** of the following : 8
- (i) Phenol (ii) Ether
- (iii) Ketone (iv) Alkene
- (v) Aromatic compounds
- (b) Write a brief note on "Free Radicals" in cell injury. 7
6. (a) What are the important functions of blood ? 7
- (b) Give the full form of **any four** of the following : 8
- (i) OECD (ii) SOP (iii) IEC
- (iv) CRO (v) GLP
7. (a) Discuss optical isomerism with suitable example. 7
- (b) Explain **any four** of the following in the two/ three sentences : 8
- (i) Ghritas
- (ii) Araks(Distillate)
- (iii) Rasas
- (iv) Asavas(Fermented Preparations)
- (v) Gutikas/Vati
8. Write short notes on **any three** : 3x5=15
- (a) Inflammation
- (b) Active Immunization
- (c) Thalidomide Tragedy
- (d) Quality control test for tablets
- (e) Malaria