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MVE-001

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

Term-End Examination

June, 2024

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

Time : 3 Hours

Maximum Marks : 75

Note : Attempt any **five** questions. All question carry **equal** mark.

1. (a) Draw a labelled diagram of lungs. $10 + 5 = 15$
Describe the organization and structure of
Respiratory system. 10
(b) Explain the structure and functions of Arteries.
2. Give a brief account of any **three** of the following :
 $5 \times 3 = 15$
 - (i) Anatomy of Ear (with the help of diagram)
 - (ii) Structure of Kidney (with the help of diagram).

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- (iii) Gonadal glands & hormones.
- (iv) Rabies
3. (a) Define Immunity. Describe various types of
acquired immunity. $10 + 5 = 15$
(b) Discuss the following : $2 \times 2 \frac{1}{2} = 5$
 - (i) Asphyxia
 - (ii) Parkinson disease
4. Distinguish between : $7\frac{1}{2} \times 2 = 15$
 - (a) Leprosy and Gonorrhoea.
 - (b) Tuberculosis and Malaria.
5. (a) Draw functional groups and give one example of
the following : $10 + 5 = 15$
 - (i) Alkene $5 \times 2 = 10$
 - (ii) Ketone
 - (iii) Ether
 - (iv) Nitrile
 - (v) Anhydride
(b) Write short note on spectrophotometry. 5
6. Describe in detail about Herbal Medicines and Herbal
Cosmetics. 15

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7. (a) What are Topical agents ? Give their classification. 8
- (b) Explain quality control and quality assurance. 7
8. (a) Define GCP. Explain any Six principles. 8
- (b) Describe the functions of Independent Ethics committee. 7
