

00586

POST GRADUATE DIPLOMA IN
PHARMACEUTICAL SALES MANAGEMENT
(PGDPSM)

Term-End Examination

June, 2013

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

Time : 3 hours

Maximum Marks : 75

Note : Attempt any five questions.

1. (a) Draw a neat sketch of respiratory tract. 5
(b) What are joints ? With the help of diagrams 10
enumerate different types of joints present
in the body.

2. (a) Name and describe the accessory sex glands 7.5
of males.
(b) Discuss different parts of adrenal gland and 7.5
its hormones. Name any two diseases
caused by the malfunction of the adrenal
gland.

3. Write short notes on any two : $7\frac{1}{2} \times 2 = 15$
(a) Sexually Transmitted Diseases
(b) Disorders of the cardio vascular system
(c) Air borne diseases

4. (a) Arrhenius concept of acids and bases giving an example of each. 5
 (b) Describe intra and extra cellular electrolytes. 5
 (c) Write short note on : 5
 (i) Passive immunization or
 (ii) GLP
5. (a) Write down details of thalidomide tragedy. 5
 (b) Describe anaemia due to iron deficiency. 5
 (c) Define immunity. Describe active immunity in detail. 5
6. (a) Discuss any three quality control tests for tablets. 6
 (b) What is meant by drug evaluation ? Write the various techniques of evaluation of crude drugs and describe any one of the techniques. 9
7. (a) Discuss Helsinki declaration. 5
 (b) Define drug. What are the different types of deliberate adulteration ? Describe any two types. 10
8. (a) Give chemical tests of any two of the following : 5
 (i) alkaloids (ii) saponins
 (iii) carbohydrate (iv) volatile oil.
 (b) Discuss various methods employed to extract a drug. 5
 (c) Give the importance of SAR in pharmaceutical chemistry. 5
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