



HAMDARD INSTITUTE OF PHARMACEUTICAL SCIENCES
HAMDARD UNIVERSITY ISLAMABAD CAMPUS

SAMPLE ENTRY TEST

BIOLOGY (40 marks)

Instructions: each question is followed by four options A to D. Choose the correct option:

1. Anatomy deals with the study of:

- A) Relationship between organism and their environment
- B) Development of Organism from a fertilized egg or zygote
- C) Structure of body and its parts
- D) Normal functions of body and its parts

2. Hemophilia is caused due to :

- A) A Virus
- B) A Fungi
- C) A pathogen
- D) Heritable disorder

PHYSICS (20 marks)

3. In physics, the term Ohm's law is also used to refer to various generalizations of the law originally formulated by Ohm. Symbolically Ohm's law can be written as _____

- A. $R=VI$
- B. $V=IR$
- C. $I=VR$
- D. None

4. System International is the modern form of the metric system and is the world's most widely used system of measurement, used in both everyday commerce and science. The SI unit of power is _____

- A. Watt
- B. Ohm
- C. Ampere
- D. Second

CHEMISTRY (20 marks)

5. Zwitter ion exist in;

- A. Acetic acid
- B. Ethanal
- C. Amino acid
- D. Lactic acid

6. By 1869, a total of 63 elements had been discovered. As the number of known elements grew, scientists began to recognize patterns in the way chemicals reacted and began to devise ways to classify the elements. _____ gave the law of octave.

- A. Metals
- B. Newland
- C. Periods
- D. Ionic

ENGLISH (10 marks)

7. Synonym of IMMENSE is _____

- A. Coarse
- B. Small
- C. Gigantic
- D. Bright

8. Choose the correct Synonym of "Abstruse":

- A. Showy
- B. Evident
- C. Skillful
- D. Concealed

ISLAMIC STUDIES/GENERAL KNOWLEDGE/PAKISTAN STUDIES (10 marks)

9. Which is the largest river of Pakistan _____

- A. River Sutlaj
- B. River Ravi
- C. River Indus
- D. River Jhelum

10. Where is Lake "Saif ul Malook" _____

- A. Balochistan
- B. Sindh
- C. Punjab
- D. KPK