



## Course I

**I Semester M.Sc. in Clinical Nutrition and Dietetics  
Examination, May 2014  
HUMAN PHYSIOLOGY**

Time : 3 Hours

Max. Marks : 80

**Instruction :** Answer the questions from *all* Parts following their *internal* choices.

### PART – A

Answer **any four** of the following :

(4×5=20)

1. Write on stages of pregnancy.
2. Write note on :
  - a) Thymus
  - b) Spleen
3. What are organelles ? List the organelles present in the cytoplasm of cell.
4. Write a note on hemoglobin.
5. Explain pharynx and larynx.
6. Discuss the functions of epidermis.

### PART – B

Answer **any three** of the following :

(3×10=30)

7. Elaborate on nervous tissue.
8. Discuss the cascade of coagulation.
9. Explain pulmonary and systemic circulation.
10. Illustrate the structure of a skin.
11. Explain the structure and functions of liver.

P.T.O.

Course I



PART-C

Answer any two of the following :

(2×15=30)

12. What is endocrine system ? List the endocrine glands and explain the major functions of them.
  13. Discuss :
    - a) Neurotransmitters and
    - b) Reflex actions.
  14. What are the two types of immunity ? Explain the active in innate immunity and their functions.
  15. Elaborate on respiratory disorders.
- 

