

Mid-West University
Examinations Management Office

Surkhet, Nepal

End Semester Examination-2080

Level: B.Ed. / I Semester

FM: 60

Time: 3.00 hrs.

PM: 30

Sub: Basic Human Anatomy and Physiology (HEP 415/316)

Candidates are required to give their answers in their own words as far as practicable.

Attempt All the Questions:

Group "B"

6×5 = 30

1. What is human anatomy and physiology?
2. What is cell? Describe the characteristics of cell.
3. Distinguish between mitosis and meiosis cell division.

Or

Describe the structure and functions of simple epithelium cell with a draw figure.

4. What are the types of muscles? Explain the structure and functions of voluntary muscles.
5. Describe the structure and process of the sight of eyes with a draw figure.
6. What are the functions of mouth and salivary glands?

Or

Explain the functions of large and small intestine.

Group "C"

2×10 = 20

7. Describe the structure and function of nephron, with a labeled diagram.

8. What is respiratory system? Describe the structure and functions of respiratory system with a labeled diagram.

Or

Explain the disease of mouth, stomach, pancreases and liver.

THE END

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Roll No:

Group 'A'

10 × 1 = 10

Tick (✓) the best answers.

1. The science which studies about blood is ...
 - a. hematology
 - b. histology
 - c. cardiology
 - d. biology
2. Which one of the following parts of the cell plays important roles to control all activities of cell?
 - a. Cytoplasm
 - b. Nucleus
 - c. Cell membrane
 - d. Chromosome
3. Which one structure of cell is known as suicide bag of cell?
 - a. Lysosome
 - b. Ribosome
 - c. Mitochondria
 - d. Centro some
4. Ciliated epithelium tissues are found in ...
 - a. alimentary canal
 - b. respiratory tract
 - c. nasal cavity
 - d. oral cavity
5. What makes bones so strong?
 - a. Protein
 - b. Calcium and phosphorus
 - c. Vitamin
 - d. Minerals
6. Which one of the following bones does not come under the axial skeleton?
 - a. Ribs
 - b. Skull
 - c. Vertebral column
 - d. Hip bones
7. Color to the eye is imparted by...
 - a. Pupil
 - b. lens
 - c. cornea
 - d. iris
8. The digestive system is ...
 - a. system of nerve
 - b. breathing system
 - c. food processing system
 - d. blood transporting system
9. The functional unit of kidney is ...
 - a. nephron
 - b. medulla
 - c. cortex
 - d. glomerulus
10. What is the name of tiny air sacs in the lungs?
 - a. Trachea
 - b. Alveoli
 - c. Windpipe
 - d. Voice box