

2023
(May)

APPLIED ANATOMY AND APPLIED PHYSIOLOGY

Full Marks : 75

Time : 3 hours

The figures in the margin indicate full marks for the questions
Answer all questions

Write the answers to the two Sections in separate Answer Booklets.

SECTION -- A
(37 Marks)

1. What are the different parts of female reproductive system? Describe briefly about the uterus with suitable diagram and label it. (7+3 = 10)
2. Write in brief: (*any three*) (3 X 2 = 6)
 - a) Chambers of heart
 - b) Parts of urinary system
 - c) Types of muscles
 - d) Types of joints
3. Write short notes on (*any three*). (3 X 5 = 15)
 - a) Histology of liver
 - b) Pituitary gland
 - c) Epithelial tissue
 - d) Tongue

(Turn over)

[2]

4. Fill in the blanks: (6 X 1 = 6)
- a) _____ is the structural and functional unit of nervous system
 - b) Goblet cells are _____ cell glands.
 - c) Vertebrae are _____ shaped bones.
 - d) The smallest bone in our body is _____.
 - e) The two hormones secreted by the ovary are estrogen and _____.
 - f) Two subdivisions of autonomic nervous system are sympathetic and _____.

SECTION – B
(38 Marks)

5. Choose the correct option from the following: (7 X 1 = 7)
- a) Which one of the following can be found in Pancreatic juice?
 - i. Trypsinogen
 - ii. Pepsinogen
 - iii. Lysozyme
 - iv. Pepsin
 - b) Fat digestion occurs in:
 - i. Small intestine
 - ii. Large intestine
 - iii. Stomach
 - iv. Duodenum
 - c) What is the ratio of WBC and RBC in the body?
 - i. 1: 60
 - ii. 1: 600
 - iii. 1: 6000
 - iv. 1: 60000
 - d) Which of the following is the functional unit of human nervous system?
 - i. Brain
 - ii. Axon
 - iii. Dendrite
 - iv. Neuron
 - e) Which of the following cell in the pancreas make insulin?
 - i. Epithelial cell
 - ii. Hepatic cell
 - iii. Germ cell
 - iv. Islet cell

(Turn over)

