



Mulleruk.

Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore – 641 043
Continuous Internal Assessment Test I1 – April 2023

Class: I B.Sc
Major: Bachelor of Physical Education

Time: 3 Hrs.
Max Marks: 60

21BPEC04 - Anatomy and Physiology

Course Outcomes:

1. Summarize the foundations of PE including the Historical and Philosophical aspects of the profession.
2. Describe perspectives of physical education issues and legislation in the society.
3. Resourceful person in various sports activities and Explore various career possibilities in the profession
4. Develop an inquiring mind which tries to see the environment, examine your own ability and stimulate curiosity.
5. Create Psychological and Sociological aspects of the profession

PART – A

Circle the Correct Answer

6 x 1 = 6

1. Choose the incorrect answer from the below CO1K2
 - a. Blood is a fluid connective tissue
 - b. An average adult possesses around 5-6 liters of blood
 - c. The primary function of blood is to deliver oxygen and nutrients and to remove wastes
 - d. The WBC & RBC helps in the clotting of blood at the site of injury.
2. Choose the correct answer from the below CO1K1
 - a. Lymph is a clear to pale-white fluid
 - b. RBC - red color
 - c. WBC-very light purple to pink color
 - d. Plasma is transparent and pale yellow
3. The Epicardium is a _____ made of connective tissues on heart CO2K2
 - a. Outer most layer
 - b. protective layer
 - c. Innermost layer
 - d. Middle layer
4. Central Nervous System consists of the _____ in the human body CO1K1
 - a. Heart and Lungs
 - b. all the nerves
 - c. Brain & Spinal Cord
 - d. Kidney & Nerve
5. The pear shaped organ that sits beneath the liver CO1K3
 - a. Gallbladder
 - b. Pancreas
 - c. Urethra
 - d. Spleen
6. The urine produced is _____ water and _____ nitrogenous wastes. CO1K1
 - a. 95% & 5%
 - b. 80% & 20 %
 - c. 20% & 80%
 - d. 30% & 70%

PART – B

Answer should not exceed 400 words or One Page

3X 6 = 18

- 7 a Explain Composition of blood in detail CO2K1
or
- 7b Explain Function of blood in detail CO2K3
- 8 a Draw a neat labeled diagram of eye CO1K2
or
- 8 b. Draw a neat labeled diagram of neuron CO2K2
- 9 a. Short note on nerves and its functions CO2K3
or
- 9 b. Draw a neat labeled diagram of kidney CO2K3

PART – D

Answer should not exceed 800 words or four pages

3X12= 36

- 10 a Enumerate the Structure and function of heart CO2K3
or
- 10 b Explain the Structure and functions of the respiratory system CO2K3
- 11a. Explain the Breathing mechanism CO2K3
or
- 11 b Enumerate the Structure and functions of brain, Spinal cord and reflex arc CO2K3
- 12.a. Write a short note on following glands with diagram CO2K3
 - a) Adrenal glands
 - b) Thyroid glands
- 12b Draw and describe the endocrine system CO2K3