



Mallikarjuna

## Avinashilingam Institute for Home Science and Higher Education for Women

(Deemed to be University under Category 'A' by MHRD, Estd. u/s 3 of UGC Act 1956)

Re-accredited with 'A++' Grade by NAAC. Recognised by UGC Under Section 12B

Coimbatore - 641 043, Tamil Nadu, India

### Continuous Internal Assessment Test – II – June 2022 Semester II

Class : I UG  
Major : Physical Education

Time: 2 hours  
Max. marks: 60

### 21BPEC04 Anatomy and Physiology

#### PART – A

Circle the Correct Answer

6 x 1 = 6

- The pathway by which food enters our body and moves out through the anus after digestion called CO1K2  
a. respiratory system b. salivary glands  
c. alimentary canal d. muscular system
- Epicardium means CO1K  
a. protects the valves and the heart. b. the innermost layer  
c. layer forms the heart muscles. d. a protective layer made of connective tissues.
- Choose the correct statement given below CO2K  
a. Waste is excreted from the human body, mainly in the form of sweat.  
b. Waste is excreted from the human body, mainly in the form of urine.  
c. Waste is excreted from the human body, mainly in the form of skin.  
d. Waste is excreted from the human body, mainly in the form of water
- Nephrons are the functional units of the CO1K  
a. brain b. heart c. kidney d. cell
- Which prevents the entry of food into the windpipe. CO1K  
a. Pyloric b. Pharynx c. Oesophagus d. Epiglottis
- The process of exhaling carbon dioxide is called CO1K  
a. Inspiration b. expiration c. Respiration d. Inhalation

#### PART – B

Answer should not exceed 400 words or One Page

3X 6 = 18

- 7 a. Draw a neat labeled diagram of respiratory system CO1K2  
or  
7 b. write a short note on for the following CO2K3  
a) Tidal Volume  
b) Vital Capacity
- 8 a. Draw a neat labeled diagram of neuron CO1K2  
or  
8 b. Draw a neat labeled diagram of kidney CO2K2
- 9 a. Draw a neat labeled diagram of brain CO2K3  
or  
9 b. Short note on nerves and its functions CO2K3

#### PART – C

Answer should not exceed 800 words or four pages

3X12= 36

- 10 a. Write about the Mechanism of Breathing CO2K3  
or  
10 b. Draw a diagram of the respiratory tract in humans CO1K2
- 11 a. Describe the classification of the joints Explain the synovial joint with suitable examples CO2K3  
or  
11 b. Enumerate the structure and classification of sensory organs CO2K3
- 12 a. Write a short note on  
a) Prolactin  
b) Thyroid Stimulating Hormone  
or  
12 b Draw and describe the endocrine system CO2K3

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