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Avinashilingam Institute for Home Science and Higher Education for Women
(Deemed to be University Estd. u/s 3 of UGC Act 1956, Category 'A' by MHRD)
Re-accredited with 'A++' Grade by NAAC. Recognized by UGC Under Section 12B
Coimbatore - 641 043, Tamil Nadu, India

Continuous Internal Assessment Test II- October 2025

I - SEMESTER

Class : I BSC

Time: 2 hours

Major: Physical Education

Maximum Mark:60

23BPEC02 Basic and Systemic Anatomy & Physiology

Course Outcomes:

CO1: The student will be oriented with the basic structure and function of human body by identifying, comparing and relating different systems, organs and their functional and structural units.

CO2: Able to Relate and interpret the role of exercise on body systems and its relation to wellbeing, through literature reviews and physical conditioning exercises.

CO3: Adapt the art to apply the knowledge of anatomy and physiology in physical activity classes at school level.

CO4: Construct anatomy and physiology related pedagogical materials exploring their creative imaginations while working in group and using technology.

CO5: Appraise the effects during the training and practical sessions.

Part-A

6x1=6

Choose the correct answer

1. The windpipe is also called the _____
a) Larynx b) Lungs c) Trachea d) Oesophagus **CO1K2**
2. In which part of the respiratory system, gaseous exchange takes place
a) Alveoli b) Pharynx c) Larynx d) Trachea **CO1K2**
3. What is the primary function of Red Blood Cells
a) Defend against Infection b) Clot blood c) Carry Oxygen d) Transport Hormone **CO1K1**
4. Which of the following is removed from our body by lungs?
a) CO₂ only b) H₂O only c) CO₂ & H₂O d) Ammonia **CO3K2**
5. Where does the nervous system receive information & execute actions ?
a) Hormones b) Sense Organs c) Muscles d) Glands **CO2K2**
6. What is the process of taking food into the body called ?
a. Digestion b. Assimilation c. Ingestion d. Egestion **CO2K3**

Part- B

3x6=18

Answer ALL Questions

Each answer should not exceed 400 words or two pages

7. a. Define Respiratory System **C02K2**
(or)
7. b What is Respiration **CO2K3**
- 8 a. Define Circulatory System **CO2K2**
(or)
- 8.b. Draw Human Excretory System **CO3K3**
9. a. Define Digestive System **CO3K3**
(or)
9. b List out the Parts of Alimentary Canal **CO3K3**

Answer ALL questions**Each answer should not exceed 800 words or four pages**

10. a. Describe about the Functional mechanism of Circulatory system CO2K2
(or)
- 10.b. Explain about the Functions of the Alimentary canal CO2K2
11. a. Elucidate the Effects of exercise on Digestive system CO2K2
(or)
- 11.b. Describe about the Classification of Various Glands CO2K3
12. a. Describe about the Classification of Nervous System CO2K2
(or)
12. b. Describe about the Functional mechanism of Respiration CO2K2

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Staff in-charge: Mrs.A.Kiruthika