

AVINASHILINGAM INSTITUTE FOR HOME SCIENCE AND HIGHER EDUCATION
FOR WOMEN

Continuous Internal Assessment Test II- March - 2019

II Semester

Class: I B.Sc

Time: 2 hours

Major: Physical Education

Max.marks: 60

18BPEC04 - Anatomy and Physiology

COURSE OUTCOMES

1. Understand the basic principles of anatomy physiology and Exercise physiology
2. Apply the knowledge In the field of physical education and movement activity
3. Analyse the practical knowledge during the practical situation.
4. Remember and recall the definition of anatomy and physiology and co-relate the principles of physiology.
5. Appraise the effects during the training and practical sessions

Part – A

Circle the correct answer

5X1=5

1. The total volume of blood in the body is C1K1
a. 5 litres b. 6 litres c. 7 litres d. 8 litres
2. Plasma protein in the blood is about _____ C1K2
a. 8 – 9% b. 6 – 7 % c. 5 -6% d. 7 – 8%
3. The amount of air which enters the lungs during normal inhalation at rest. C3K2
a. Respiratory volume b. Residual volume c. Tidal Volume
d. Expiratory volume
4. The shape of the kidney is _____ C3K3
a. Concave b. Bean c. Convex d. Prism
5. The CNS consists of the _____ C3K4
a. Cartilage and Spinal cord b. Reflex arc and spinal cord
c. Nerve and Spinal cord d. brain and spinal cord

Part – B

Answer the following in one or two sentence **5 X 2 =10**

- | | |
|--|------|
| 6. What is blood? | C1K2 |
| 7. What is respiration? | C2K2 |
| 8. List out the glands in endocrine system. | C1K3 |
| 9. What is lung volume? | C2K4 |
| 10. What are the sensory organs in human body? | C3K4 |

Part – C

Answer the following

Answer should not exceed 200 words or one page 3X5=15

- | | |
|---|------|
| 11. a. List out the functions of blood
(or) | C1K1 |
| b. Explain the composition of blood. | C2K2 |
| 12. a. Explain about pulmonary circulation. (or) | C3K3 |
| b. List out the functions of brain. | C3K4 |
| 13. a. Explain reflex arc. (or) | C2K4 |
| b..List out the functions of kidney. | C4K4 |

Part – D

Answer the following

Answer should not exceed 1200 words or six page

2X15=30

- | | |
|---|------|
| 14. a) Enumerate structure and function of heart. Or | C2K2 |
| b) Explain the structure and secretion of pituitary and thyroid glands. | C3K3 |
| 15. a) Explain the structure and function of brain. Or | C3K4 |
| b) Enumerate the structure and function of respiratory system. | C4K4 |