



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 – I August, 2025
I Semester

Class: I UG
Major: Other major

Time : 2 Hours
Max. Marks : 60

25BZOG1 HUMAN PHYSIOLOGY

Course Outcomes:

1. Understand the process of digestion and excretion
2. Develop understanding in muscle structure and contraction mechanism
3. Learn the process of respiration and circulation
4. Understand function of endocrine glands
5. Understand formation of gametes

Part – A

6x1=6

Choose the correct answer

- 1 Which gland produces the most saliva in unstimulated state? CO1 K2
a) Parotid b) Sub maxillary c) Sublingual d) lingual
- 2 Which of the following portion completely digest proteins? CO1 K3
a) Stomach b) Salivary glands c) Small intestine d) Gastric glands
- 3 Multinucleated cells are found in _____ muscle. CO2 K3
a) Cardiac b) Smooth c) Skeletal d) Tendons
- 4 The major excretory product in human beings is CO1 K2
a) Urea b) Ammonia c) Uric acid d) Ammonium chloride
- 5 The fluid filled sac that surrounds the heart is called the CO3 K2
a) Pericardium b) Myocardium c) Ventricle d) Septum
- 6 The contractile unit of muscle is called as CO2 K3
a) Sarcomere b) Sarcolemma c) Muscle fiber d) Sarcoplasmic reticulum

Part- B

3x6=18

Answer all the questions

Each answer should not exceed 400 words or two pages

- 7 a) Give a detailed account on the process of digestion in human. CO1K2
(or)
- 7 b) Describe the hormonal control of digestion in human. CO4K3
- 8 a) Discuss the role of liver in digestive processes CO1K4
(or)
- 8 b) Explain about anatomy of Kidney with neat labelled diagram CO1K3
- 9 a) Explain the types of muscles with illustrations CO2K3
(or)
- 9 b) Describe the structure and function of Lungs CO2K4

Part – C

3x12=36

Answer all the questions

Each answer should not exceed 800 words or four pages

- 10 a) Write a note on structure and function of digestive glands (any 3). CO1K2
(or)
- 10 b) Explain the process of urine formation. CO3K4
- 11 a) Explain the structure and properties of skeletal muscle CO2K2
(or)
- 11 b) Describe the physiology of respiration with neat labelled diagram CO1K4
- 12 a) Discuss physiology of muscle contraction in detail CO2K3
(or)
- 12 b) Explain the process of oxygen transport from lungs to tissue CO3K2