



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 –I August– 2024
Semester-II

Class : I UG
Major: PA

Time: 2 hours
Max.Marks: 60

22BPAC07– Physiology- II

Course Outcome:

At the end of the class, students will be able to,

1. Known the importance of the physiological process of Special Senses.
2. Understand the General endocrinology and disorders of hormones.
3. Provide students insight into the normal physiology of the male and female reproductive system.
4. Aware of the functional anatomy of the Lymphatic and Immunological system.
5. Understand the physiological process of the Central Nervous System.

Part A

6 x 1 = 6

Choose the correct answer

1. The part of the eye changes shape to focus on near or far objects is
a. Cornea b. Lens c. Retina d. Macula CO1K2
2. Name the sensory receptors in the inner ear responsible for detecting sound vibrations
a. Hair cells b. Rod cells c. Cone cells d. Taste buds CO1K2
3. Gland produces insulin and glucagon
a. Pancreas. b. Adrenal gland. c. Thyroid gland. d. Pituitary gland CO2K2
4. Gland produces melatonin
a. Adrenal gland b. Pituitary gland c. Pineal gland d. Thyroid gland CO2K1
5. Hormone stimulates the contraction of the uterus during childbirth
a. Oxytocin b. Prostaglandins c. Estrogen d. Progesterone CO3K1
6. The part of the female reproductive system is responsible for the implantation of a fertilized egg
a. Ovary b. Luteal phase c. Ovulation d. Menstruation CO3K1

Part B

3 x 6=18

Answer all questions

Each answer should not exceed 400 words or two pages

7. a. Discuss on electroretinography (or) CO1K2
b. Explain the mechanism of sound transmission in the ear CO1K3
8. a. Describe the structure and function of the adrenal gland (or) CO2K2
b. Explain about hormones CO2K2
9. a. Discuss on function of placenta (or) CO3K2
b. Explain about contraception CO3K1

Part C

Answer all questions

Each answer should not exceed 400 words or two pages

3x12=36

10. a. Describe the physiology of eye (or) CO1K2
b. Explain the physiology of hearing CO1K2
11. a. List down the anterior and posterior pituitary gland and explain anterior glands physiology (or) CO2K2
b. Explain the role of the thyroid gland in regulating metabolism CO2K2
12. a. Describe in details about lactation (or) CO3K1
b. Describe about pregnancy and parturition CO3K2

Copies :66

All the best

Staff Incharge : Mrs. Annie Christy.I