



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

Bachelor's Degree Examination –November 2019
Semester III

Class : II UG
Major : Food Service Management and Dietetics

Time: 3 hours
Max. Marks: 100

18BFDC09 Human Physiology

Part A

10 x 1 = 10

Choose the correct answer

- _____ Plays an important role in plasma protein formation.
a. Iron b. Calcium c. Magnesium d. Iodine
- Royal disease is otherwise known as _____
a. Hemophilia b. Anorexia c. Anemia d. Haematuria
- In tachycardia the heart rate is above _____
a. 50 b. 60 c. 70 d. 80
- Voice box of human system is _____
a. Pharynx b. Larynx c. Trachea d. Throat
- Emphysema is related to _____ disease.
a. Renal b. Lung c. Stomach d. Oral
- Cyanocobalamine is absorbed by _____ part of the body.
a. Small intestine b. Large intestine c. Ileum d. Duodenum
- Nerve impulses are conducted by _____ part of the neuron.
a. Axon b. Myelin c. Auxiliary bud d. Pons
- In old age the loss of sense of smell is due to _____
a. Oculomotor b. Optic c. Trochlear d. Abducens
- Urinary Tract Infection is mainly caused by _____ bacteria.
a. E-Coli b. Staphylococcus c. Yeast d. Clostridium
- Progesterone is secreted by the _____
a. Corpor Luteum b. Uterine cavity c. Follicles d. Pituitary

Part B

5 x 6 = 30

Answer ALL questions

Each answer should not exceed 400 words or two pages

- 11.a. Write short notes on blood composition.
(or)
- 11.b. Explain Cardiac Cycle.
- 12.a. Summarize the anatomy of digestive tract.
(or)
- 12.b. Illustrate micturition
- 13.a. Enumerate the mechanics of respiration.
(or)
- 13.b. Explain the functions of pancreas.
- 14.a. Express the structure of Neuron.
(or)
- 14.b. Differentiate sympathetic & Parasympathetic nervous system.
- 15.a. Write short account on menstruation.
(or)
- 15.b. Explain the lactation process with the help of a flow chart.

Part C

5 x 12 = 60

Answer ALL questions

Each answer should not exceed 800 words or four pages

- 16.a. Summarize the components of blood in detail.
(or)
- 16.b. Explain the structure of heart and give the properties of cardiac muscle.
- 17.a. Discuss the functions of liver and Pancreas.
(or)
- 17.b. Illustrate the urinary system in detail.
- 18.a. Discuss the anatomy of respiratory tract.
(or)
- 18.b. Outline the structure and functions of pituitary and thyroid gland.
- 19.a. Describe the nervous system with diagrammatic representation.
(or)
- 19.b. Sketch the structure of brain and explain its function.
- 20.a. Illustrate the changes associated with pregnancy in details.
(or)
- 20.b. Explain the anatomy of the female reproductive organs.
