

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

B.Sc. Allied Health Sciences
First Year Semester-I (CBCS Scheme)
June - 2018 Examination

Time : 2 Hrs.

[Max. Marks : 50]

ANATOMY -I

(General Anatomy, Histology & Embryology)

Q.P Code : BAHS101CC

*Your answers should be specific to the questions asked.
Draw neat labelled diagrams wherever necessary.*

LONG ESSAY (Answer any Two)

2 X 10 = 20 Marks

1. a. Define a joint.
b. Classify joints depending on the structure.
c. Describe and classify synovial joint in detail. (2+3+5)
2. a. Define epithelium.
b. Classify epithelium based on the number of layers of cells.
c. Classify simple epithelium with an example for each. (2+4+4)
3. Describe the external features of heart. Add a note on conducting system of heart.

SHORT ESSAY

3 X 5 = 15 Marks

4. Anomalies of placenta.
5. Describe serous and mucous glands with examples.
6. Oogenesis.

SHORT ANSWERS

5 X 3 = 15 Marks

7. Name the bone cells.
8. Classify the spinal nerves depending upon region with their numbers.
9. Name the groups of inguinal lymph nodes.
10. Name the types of fibers present within the loose connective tissue.
11. Name the bones forming the skeleton of leg.

* * *

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

**B.Sc. Allied Health Sciences
First Year Semester-I (CBCS Scheme)
June - 2018 Examination**

Time : 2 Hrs.

[Max. Marks : 50]

ANATOMY -II

(Systemic Histology & Gross Anatomy)

Q.P Code : BAHS102CC

*Your answers should be specific to the questions asked.
Draw neat labelled diagrams wherever necessary.*

LONG ESSAY (Answer any Two)

2 X 10 = 20 Marks

1. Name the parts of male reproductive system. Describe the anatomy of testis in detail.
2. Describe the gross anatomy of thyroid gland and add a note on its histology.
3. Describe the gross anatomy of mammary gland in detail.

SHORT ESSAY

3 X 5 = 15 Marks

4. Meninges.
5. Bronchopulmonary segments of right lung.
6. Pancreas.

SHORT ANSWERS

5 X 3 = 15 Marks

7. Histology of tongue.
8. External ear.
9. Name the parts of small intestine.
10. Name the surfaces of urinary bladder.
11. Name the ventricles of brain.

* * *

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

**B.Sc. Allied Health Sciences
First Year Semester-I (CBCS Scheme)
June - 2018 Examination**

Time : 2 Hrs.

[Max. Marks : 50]

Physiology-I

(Physiological Functions of the Body)

Q.P Code : BAHS103CC

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary.

LONG ESSAY (Answer any Two)

2 X 10 = 20 Marks

1. Describe the steps involved in mechanism of clot formation. List two anticoagulants of clinical use with their mechanism of action.
2. List the composition of pancreatic juice. Functions of pancreatic enzymes. Add a note on regulation of pancreatic secretion.
3. Define cardiac cycle. Give the normal value of cardiac output. List the events occurring in a cardiac cycle.

SHORT ESSAY

3 X 5 = 15 Marks

4. Define immunity classify immunity.
5. Define vital capacity. Give its normal value. List the factors affecting vital capacity.
6. Classify nephrons. List the difference between them.

SHORT ANSWERS

5 X 3 = 15 Marks

7. What is normal clotting time. Two causes for increase in clotting time.
8. Name three plasma proteins.
9. Define blood pressure and give its normal values.
10. Surfactant-source and functions.
11. Define jaundice. Two causes for hemolytic jaundice.

* * *

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

**B.Sc. Allied Health Sciences
First Year Semester-I (CBCS Scheme)
June - 2018 Examination**

Time : 2 Hrs.

[Max. Marks: 50]

PHYSIOLOGY - II

(Physiology of hormonal and Regulatory function)

Q.P Code : BAHS104CC

*Your answers should be specific to the questions asked.
Draw neat labelled diagrams wherever necessary.*

LONG ESSAY (Answer any Two)

2 X 10 = 20 Marks

1. Define hormone. List the anterior and posterior pituitary hormones. Add a note on Gigantism.
2. Describe the formation, composition and functions of CSF.
3. Describe the mechanism of hearing. Explain deafness.

SHORT ESSAY

3 X 5 = 15 Marks

4. Neuroglia.
5. Describe spermatogenesis and factors influencing it.
6. Functions of cerebellum.

SHORT ANSWERS

5 X 3 = 15 Marks

7. Myasthenia gravis.
8. Vasectomy.
9. List the Refractive errors. How are they corrected?
10. Dwarfism.
11. Rigor Mortis.

* * *