

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH
(A DEEMED TO BE UNIVERSITY)

B.Sc. Allied Health Sciences First Year (Semester-I)
February 2019 Examination

Time : 2 Hrs.

[Max. Marks : 50]

SUBJECT : ANATOMY-I

Q.P Code : J1011

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. Classify joints and give suitable examples for each
2. Classify lymphatic system and write in detail about the lymphoid organs
3. Classify bones and explain the components of long bone.

SHORT ESSAY

3 X 5 = 15 Marks

4. Describe the arterial supply of heart
5. Illustrate microscopic anatomy of large vein with salient features
6. Illustrate the upper end of Humerus with attachments.

SHORT ANSWERS

5 X 3 = 15 Marks

7. List the examples for columnar epithelium
8. Name the branches of axillary artery
9. Name the bones of vertebral column
10. Name the types of cells in the bone and their locations
11. Mention 3 types of cartilage

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Time : 2 Hrs.

[Max. Marks : 50]

SUBJECT : ANATOMY-II

Q.P Code : J1012

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

LONG ESSAY (Answer any Two)

2 X 10 = 20 Marks

1. Explain superolateral surface of cerebrum with respect to sulci, gyri, functional areas.
2. List the parts of male reproductive system explain in detail about testis.
3. List the parts of excretory system. Explain in detail about kidney.

SHORT ESSAY

3 X 5 = 15 Marks

4. Histology of pituitary gland.
5. Differences between right & left lung.
6. Stomach parts & blood supply.

SHORT ANSWERS

5 X 3 = 15 Marks

7. List the parts of uterus.
8. List the appendages of skin.
9. Name the ear ossicles.
10. Name the parts of pancreas.
11. Name the parts of pharynx.

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Time : 2 Hrs.

[Max. Marks : 50]

SUBJECT : PHYSIOLOGY-I

Q.P Code : J1021

*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 hemostasis. Describe the intrinsic mechanism of clotting
2. Draw a neat labeled diagram of conducting system of the heart. Explain the spread of cardiac impulse.
3. Describe the mechanism of Hcl secretion in the stomach.

SHORT ESSAY

3 X 5 = 15 Marks

4. Describe the etiology, clinical features and management of erythroblastosis foetalis
5. Define & classify hypoxia.
6. Draw a neat labelled diagram of nephron & give their functions

SHORT ANSWERS

5 X 3 = 15 Marks

7. List the functions of respiratory system.
8. List the functions of saliva.
9. List clinical features of hypovolemic shock
10. List the events that take place during ventricular systole and diastole
11. Name source and action of erythropoietin.

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**B.Sc. Allied Health Sciences First Year (Semester-I)
February 2019 Examination**

Time : 2 Hrs.

[Max. Marks : 50]

SUBJECT : PHYSIOLOGY-II

Q.P Code : J1022

*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. List the contraceptive measures & explain their basis of function.
2. Draw the diagram of the visual pathway and explain the effects of lesion of optic pathway.
3. Draw a neat diagram of a neuromuscular junction. Name the neurotransmitter released in it. Mention a neuromuscular disease.

SHORT ESSAY

3 X 5 = 15 Marks

4. List the functions of estrogen.
5. List the functions of insulin hormone.
6. Define synapse. List the properties of synapse.

SHORT ANSWERS

5 X 3 = 15 Marks

7. Define: (a) puberty (b) menarche (c) menopause
8. List the functions of cerebellum
9. List the functions of hypothalamus
10. Mention the tests for hearing
11. List the tests for ovulation

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