

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

B.Sc. Allied Health Sciences First Year (Semester-I)
November 2020 Examination

Time : 1.30 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

2 X 10 = 20 Marks

1. Classify joints. Describe the components of synovial joints
- 2.. Classify the glands and discuss the microstructure of mucous salivary gland.

SHORT ESSAY

3 X 5 = 15 Marks

3. Illustrate the microstructure of stratified squamous keratinized epithelium with salient features
4. Describe the course and branches of axillary artery
5. Compute the steps of oogenesis

SHORT ANSWERS

5 X 3 = 15 Marks

6. Give examples for cuboidal epithelium
7. Name the valves of heart
8. Name the primary and secondary lymphoid organs
9. Name the branches of external carotid artery
10. Illustrate structure of neuron

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B.Sc. Allied Health Sciences First Year (Semester-I)
November 2020 Examination

Time : 1.30 Hrs.

[Max. Marks : 50]

SUBJECT : ANATOMY-II

Q.P Code : J1012

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

LONG ESSAY

2 X 10 = 20 Marks

1. List the organs of gastrointestinal system. Describe stomach in detail.
2. Explain spinalcord under following headings a. external features b. tracts c. blood supply

SHORT ESSAY

3 X 5 = 15 Marks

3. Supports of uterus
4. Illustrate the microscopic anatomy of thyroid gland
5. List the differences between small & large intestine

SHORT ANSWERS

5 X 3 = 15 Marks

6. Name the coverings of brain
7. List the cartilages of larynx
8. Name the structures at the hilum of the kidney
9. List the contents of major openings of diaphragm
10. Name the lobes of prostate

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**B.Sc. Allied Health Sciences First Year (Semester-I)
November 2020 Examination**

Time : 1.30 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

2 X 10 = 20 Marks

1. Define hemostasis. Describe the extrinsic mechanism of clotting
2. Describe the different phases of gastric secretion .

SHORT ESSAY

3 X 5 = 15 Marks

3. List the properties of cardiac muscle.
4. List the functions of pancreatic juice.
5. Draw a neat labeled diagram of juxtaglomerular apparatus and explain its functions.

SHORT ANSWERS

5 X 3 = 15 Marks

6. Classify hypoxia with examples.
7. List the functions of stomach.
8. Mention the functions of Hemoglobin.
9. List the events that take place during ventricular systole and diastole
10. List functions of kidney.

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**B.Sc. Allied Health Sciences First Year (Semester-I)
November 2020 Examination**

Time : 1.30 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

2 X 10 = 20 Marks

1. Name the hormones secreted by the anterior pituitary gland. List the functions of growth hormone.
2. Draw a neat diagram of a neuromuscular junction. In a flow chart represent neuromuscular transmission

SHORT ESSAY

3 X 5 = 15 Marks

3. Draw a neat labelled diagram of reflex arc.
4. List the changes that occur during dark adaptation of eye
5. List the functions of testosterone

SHORT ANSWERS

5 X 3 = 15 Marks

6. List the hormones secreted by thyroid gland
7. List the sensations carried by the dorsal column tract.
8. Give the physiological basis of oral contraceptive pill
9. List the functions of Tympanic membrane
10. Classify neuroglia & mention its functions

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