

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

B.Sc. Allied Health Sciences First Year (Semester-I)
March 2021 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. Describe the external features and blood supply of heart.
2. Classify cartilage and explain each with suitable examples
3. Classify muscles and give suitable examples for each

SHORT ESSAY

3 X 5 = 15 Marks

4. Explain the external features of heart
5. Discuss the histological differences between artery and vein
6. Compute the steps of oogenesis

SHORT ANSWERS

5 X 3 = 15 Marks

7. Enumerate all the bones of upper limb
8. List the types of simple epithelium with suitable examples
9. Draw a labelled diagram of microscopic structure of LS of bone
10. Name the branches of femoral artery
11. Classify neurons with examples

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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 labelled diagrams wherever necessary.*

LONG ESSAY (Answer any Two)

2 X 10 = 20 Marks

1. Explain kidney in detail with neat labelled diagram
2. List the endocrine glands & explain in detail about thyroid gland
3. List the parts of GIT & Describe in detail about liver

SHORT ESSAY

3 X 5 = 15 Marks

4. Extraocular muscles with nerve supply
5. Histology of suprarenal gland
6. Blood supply of brain

SHORT ANSWERS

5 X 3 = 15 Marks

7. Name the salivary glands
8. Name the parts of pharynx
9. Classical features of large intestine
10. Name any 3 ligaments of uterus
11. List the coverings of testis

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**B.Sc. Allied Health Sciences First Year (Semester-I)
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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. Define Landsteiner's Law and give its clinical application.
5. List the composition & functions of surfactant
6. List the differences between cortical & juxtramedullary nephron

SHORT ANSWERS

5 X 3 = 15 Marks

7. Mention the indications that require artificial respiration
8. List the functions of liver.
9. List clinical features of hypovolemic shock
10. List the events that take place during ventricular systole and diastole
11. List the steps involved in urine formation

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**B.Sc. Allied Health Sciences First Year (Semester-I)
March 2021 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 hormones secreted by the posterior pituitary gland. List the functions of each hormone.
2. With neat labeled diagrams explain the different refractive errors and their correction
3. Define spermatogenesis. Describe spermatogenesis & list factors regulating it.

SHORT ESSAY

3 X 5 = 15 Marks

4. Describe neuromuscular transmission.
5. List the functions of aldosterone
6. Explain how intra uterine devices (IUCDs) act as contraceptive devices.

SHORT ANSWERS

5 X 3 = 15 Marks

7. List the hormones secreted by adrenal gland
8. List any 3 functions of hypothalamus.
9. Mention the receptors for color vision
10. Name the taste sensations
11. List 3 functions of thyroid hormones

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