



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

B.Sc. Allied Health Sciences First Year (Semester-I)
September 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. Classify bones with examples.
2. Classify synovial joints with suitable examples.
3. Classify muscles and give suitable examples for each

SHORT ESSAY

3 X 5 = 15 Marks

4. Draw a labelled diagram of transitional epithelium with salient features
5. Describe the blood supply of heart
6. Discuss the course and tributaries of great saphenous vein of lower limb

SHORT ANSWERS

5 X 3 = 15 Marks

7. Illustrate the steps of oogenesis
8. Name the bones of vertebral column
9. Name the carpal bones
10. Name the branches of external carotid artery
11. List the cell organelles



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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. List the parts of digestive system. Explain in detail about pancreas
2. List the parts of female reproductive system. Explain in detail uterus.
3. Explain sulci, gyri, functional areas of superolateral surface of cerebrum

SHORT ESSAY

3 X 5 = 15 Marks

4. Thyroid gland gross & histological features
5. Illustrate lateral wall of nose
6. Testis coverings & blood supply

SHORT ANSWERS

5 X 3 = 15 Marks

7. Parts of fallopian tube
8. Nerve supply of extra ocular muscle
9. Draw a neat labelled diagram of histology of ureter
10. List the endocrine glands of the body
11. Name the lobes of brain

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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 erythropoiesis. List the sites of erythropoiesis. Describe the stages of erythropoiesis with appropriate diagrams.
2. Define cardiac cycle. Give its normal duration. Describe various events occurring during cardiac cycle.
3. Define vital capacity & give their normal values. Describe factors affecting vital capacity

SHORT ESSAY

3 X 5 = 15 Marks

4. Classify & list the functions of leucocytes.
5. List the factors affecting GFR
6. List the functions of stomach.

SHORT ANSWERS

5 X 3 = 15 Marks

7. Define asphyxia and dyspnea
8. Draw a neat labeled diagram of conducting system of the heart .
9. List the types of cells in gastric mucosa & give the function of each.
10. List the functions of loop of henle
11. Define GFR. Give the normal value.

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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. Define spermatogenesis. Describe spermatogenesis & list factors regulating it. Mention factors causing male infertility.
2. With neat labeled diagrams explain the different refractive errors and their correction
3. Mention hormones secreted by Pituitary gland. List the functions of hormones released by the posterior pituitary gland.

SHORT ESSAY

3 X 5 = 15 Marks

4. Describe neuromuscular transmission.
5. List the functions of Basal ganglia.
6. Draw a neat labelled diagram of sarcomere

SHORT ANSWERS

5 X 3 = 15 Marks

7. Mention two temporary female contraceptive methods. Name the permanent female contraceptive method.
8. List the functions of middle ear
9. Draw a neat labeled diagram of neuron.
10. Draw a neat labelled diagram of reflex arc.
11. Name the hormones that regulate calcium homeostasis

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