

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

B.Sc. Allied Health Sciences First Year (Semester-I)
February 2020 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. Define cartilage. Classify it and explain each with suitable examples
2. Classify synovial joints with suitable examples.
3. Classify bones with examples.

SHORT ESSAY

3 X 5 = 15 Marks

4. Discuss the histological differences between artery and vein
5. Describe the external features of heart
6. Illustrate microscopic anatomy of peripheral nerve with salient features

SHORT ANSWERS

5 X 3 = 15 Marks

7. Draw a labelled diagram of microscopic structure of Transverse Section of bone
8. Mention the functions of cartilage.
9. Name the primary and secondary lymphoid organs
10. Classify muscle tissue with examples
11. Define ovulation.

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

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 endocrine organs explain in detail about thyroid gland.
2. List the parts of respiratory system. Explain in detail about lungs.
3. Explain sulci, gyri, functional areas of superolateral surface of cerebrum.

SHORT ESSAY

3 X 5 = 15 Marks

4. Illustrate microscopic anatomy of ovary.
5. 2nd part of duodenum.
6. Gross features of kidney.

SHORT ANSWERS

5 X 3 = 15 Marks

7. List the parts of brain stem.
8. Name the parts of stomach.
9. Contents of waldeyer's ring.
10. Name the salivary gland.
11. Name any 3 ligaments of uterus.

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

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. Explain the role of platelets in formation of temporary hemostatic plug.
2. Define cardiac cycle and mention its normal duration. Describe various volume and pressure changes in left ventricle.
3. Describe the 2nd stage of deglutition.

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 2020 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. With a neat labeled diagram explain the endometrial changes involved in menstrual cycle.
2. Draw the diagram of the visual pathway and explain the effects of lesion of optic pathway.
3. Define synapse. Classify synapse and explain the properties of synapse.

SHORT ESSAY

3 X 5 = 15 Marks

4. Give the normal serum calcium level. List 3 hormones & 3 target tissues on which they act.
5. List the differences between action potential and graded potential.
6. Give the cause & list the features of Diabetes Mellitus.

SHORT ANSWERS

5 X 3 = 15 Marks

7. List the functions of testis.
8. List the tests of hearing
9. List 3 uses of lumbar puncture
10. Define absolute & relative refractory period
11. Name contractile proteins of the muscle.

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