

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

**B.Sc. Allied Health Sciences First Year Semester-I**  
**July/August 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 cartilage and explain each with suitable examples.
2. Describe the external features of heart and describe the arterial supply of heart.
3. Classify lymphatic system and explain the lymphoid organs.

**SHORT ESSAY**

**3 X 5 = 15 Marks**

4. Illustrate microscopic anatomy of muscular artery with salient features.
5. Classify simple and stratified epithelium and give suitable examples.
6. Compute the steps of oogenesis.

**SHORT ANSWERS**

**5 X 3 = 15 Marks**

7. List the examples of white fibrocartilage.
8. Draw a labelled diagram of microscopic structure of connective tissue.
9. Mention salient features of intervertebral disc.
10. Enumerate the cells of connective tissue.
11. Name the branches of axillary artery.

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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. Describe lung in detail & add note on bronchopulmonary segments.
2. Sulci & gyri of superolateral surface of brain with functional areas.
3. List female reproductive organs & Explain in detail about mammary gland.

**SHORT ESSAY**

**3 X 5 = 15 Marks**

4. Stomach relations & blood supply.
5. Histology of Testis.
6. Suprarenal gland parts & blood supply.

**SHORT ANSWERS**

**5 X 3 = 15 Marks**

7. Names the lobes of prostate.
8. Name the layers of eye ball.
9. List the 3 descending tracts of spinalcord.
10. Name the structures at the hilum of kidney.
11. List the nuclei of cerebellum.

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**B.Sc. Allied Health Sciences First Year Semester-I  
July/August 2019 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. Define erythropoiesis. Describe the stages of erythropoiesis.
2. Define blood pressure. Give the normal value. Explain the role of renin angiotensin aldosterone in the maintenance of blood pressure.
3. Name the muscles involved in respiration. With neat labeled diagram explain the mechanism of respiration.

**SHORT ESSAY**

**3 X 5 = 15 Marks**

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

**SHORT ANSWERS**

**5 X 3 = 15 Marks**

7. Mention the indications that require artificial respiration.
8. List the functions of stomach.
9. Mention the functions of Hemoglobin.
10. List the events that take place during ventricular systole and diastole.
11. List functions of kidney.

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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-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. List the contents of middle ear and explain the functions of middle ear.
3. Define neuroglia. Classify neuroglia and give their functions.

**SHORT ESSAY**

**3 X 5 = 15 Marks**

4. List the functions aqueous humor.
5. List the functions of testosterone.
6. List the functions of thyroid hormones

**SHORT ANSWERS**

**5 X 3 = 15 Marks**

7. List the clinical importance of CSF.
8. Name the receptors of vision
9. Name the hormones that regulate calcium homeostasis
10. Mention the functions of cerebellum
11. Give the cause for myasthenia gravis

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