

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

B.Sc. Allied Health Sciences
First Year Semester-I (CBCS Scheme)
September - 2018 Examination

Time : 2 Hrs.

[Max. Marks : 50]

ANATOMY -I

(General Anatomy, Histology & Embryology)

Q.P Code : BAHS101CC

*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. a. Define connective tissue.
b. Name any four cellular and two fibrous components of the connective tissue.
c. Classify the types of connective tissue with examples for each.
2. Define cartilage. Classify cartilage with examples. Describe Hyaline cartilage in detail.
3. a. What is pericardium? Name the layers of pericardium.
b. Name the chambers of heart.
c. Describe pulmonary circulation in detail.

SHORT ESSAY

3 X 5 = 15 Marks

4. Golgi apparatus.
5. Pseudostratified epithelium.
6. Cartilaginous joints.

SHORT ANSWERS

5 X 3 = 15 Marks

7. Name any six cranial nerves.
8. Name the formative tributaries of portal vein.
9. Name the groups of axillary lymph nodes.
10. Classify the muscle tissue present in the body.
11. How does the thoracic duct terminate?

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ANATOMY -II

(Systemic Histology & Gross Anatomy)

Q.P Code : BAHS102CC

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Draw neat labelled diagrams wherever necessary.*

LONG ESSAY (Answer any Two)

2 X 10 = 20 Marks

1. Name the parts of excretory system. Describe the gross anatomy of kidney in detail.
2. Describe the gross anatomy of tongue and add a note on its histology.
3. Name the parts of respiratory system. Describe the gross anatomy of right lung in detail.

SHORT ESSAY

3 X 5 = 15 Marks

4. Blood supply and lymphatic drainage of stomach.
5. Gall bladder.
6. Midbrain.

SHORT ANSWERS

5 X 3 = 15 Marks

7. Draw and label microscopic structure of thyroid gland.
8. Cauda equina.
9. Name the parts of large intestine.
10. Name the contents of middle ear cavity.
11. Draw and label histology of skin.

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Physiology-I

(Physiological Functions of the Body)

Q.P Code : BAHS103CC

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Draw neat labelled diagrams wherever necessary.

LONG ESSAY (Answer any Two)

2 X 10 = 20 Marks

1. Describe the process of formation of RBCs. Enumerate the functions of RBCs.
2. Define shock. List the types of shock. Explain signs and symptoms of hypovolemic shock.
3. Describe the composition and functions of salivary secretion.

SHORT ESSAY

3 X 5 = 15 Marks

4. Describe the micturition reflex.
5. Describe the composition and functions of surfactant.
6. Describe the methods of artificial respiration.

SHORT ANSWERS

5 X 3 = 15 Marks

7. Define GFR. What is its normal value?
8. Draw a neat labeled diagram of ECG.
9. List the functions of HCl.
10. Name two anticoagulants. Explain their mechanism of action.
11. Define immunity. Mention its types.

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PHYSIOLOGY - II

(Physiology of hormonal and Regulatory function)

Q.P Code : BAHS104CC

*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. Draw a neat labeled diagram of neuromuscular junction. With a flow diagram describe the events in transmission across neuromuscular junction. Add a note on myasthenia gravis.
2. List the functions of thyroid hormone. Define goiter. Add a note on hyper and hypo secretion of thyroid hormone.
3. Draw a neat labeled diagram of the dorsal column pathway. List the sensations carried by it. List the sensations carried by anterior and lateral spinothalamic tracts.

SHORT ESSAY

3 X 5 = 15 Marks

4. Spermatogenesis and factors affecting it.
5. Papillary light reflexes.
6. Pregnancy diagnostic tests.

SHORT ANSWERS

5 X 3 = 15 Marks

7. Name three anterior pituitary hormones.
8. Aphasia.
9. Contents of middle ear.
10. List three functions of hypothalamus.
11. LH surge.

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