

Time : 2 Hrs.

[Max. Marks : 50]

ANATOMY

Q.P Code : AHS-101

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary.

LONG ESSAY

2 X 10 = 20 Marks

1. Classify epithelium with examples and function.
2. Discuss lung-external features, blood supply and nerve supply.

SHORT ESSAY

3 X 5 = 15 Marks

3. Inferior vena cava.
4. Draw a diagram of structure of cell.
5. External features of liver.

SHORT ANSWERS

5 X 3 = 15 Marks

6. Name the para nasal air sinuses.
7. Mention components of connective tissue.
8. Constrictions of oesophagus.
9. Draw histology diagram of lymph node.
10. Name the branches of arch of aorta.

* * *

(23-28)

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

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

February-2015 Examination

Time : 2 Hrs.

[Max. Marks : 50]

BIOCHEMISTRY

Q.P Code : AHS-105

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary.

LONG ESSAY

2 X 10 = 20 Marks

1. Describe Rutherford and Bohr's models of atomic structure? Add a note on their drawbacks.
2. Define salts? Write the classifications of salts with suitable examples? Add a note on applications.

SHORT ESSAY

3 X 5 = 15 Marks

3. What are indicators? List any four commonly used indicators with PH range.
4. Discuss storage and handling dangerous chemicals with safety measures.
5. Define conventional units and S.I. units? Write S.I. units for any five parameters?

SHORT ANSWERS

5 X 3 = 15 Marks

6. What is a covalent bond? Give example.
7. Define normality? How do you prepare 100 ml of NaOH from 1N NaOH.
8. Write Aufbau principle.
9. Write Henderson-Hasselbach's equation and its uses.
10. Define acids and bases with examples.

* * *

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

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

February-2015 Examination

Time : 2 Hrs.

[Max. Marks : 50]

PATHOLOGY

Q.P Code : AHS-107

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary.

LONG ESSAY

2 X 10 = 20 Marks

1. Discuss methods of blood collection. Add a note on anticoagulants used in haematology.
2. Physical examination of urine.

SHORT ESSAY

3 X 5 = 15 Marks

3. Sputum examination.
4. Sahlis's haemoglobin estimation.
5. Enumerate the differences between transudate and exudate.

SHORT ANSWERS

5 X 3 = 15 Marks

6. Uses of buffy coat.
7. Write the normal values of total WBC count, absolute eosinophil count and platelet count.
8. SI units.
9. Name three crystals seen in urine.
10. What is haematuria. Name the test for haematuria.

*** * ***

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

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

February-2015 Examination

Time : 2 Hrs.

[Max. Marks : 50]

MICROBIOLOGY

Q.P Code : AHS-109

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary.

LONG ESSAY

2 X 10 = 20 Marks

1. Define nosocomial infections and write about the types of nosocomial infections.
Add a note on the control of hospital acquired infections.
2. Define and classify sterilization. Discuss dry heat methods of sterilization and write a note on its sterilization controls.

SHORT ESSAY

3 X 5 = 15 Marks

3. Bacterial cell wall
4. Bacterial antibiotic susceptibility testing.
5. Factors predisposing to bacterial pathogenicity.

SHORT ANSWERS

5 X 3 = 15 Marks

6. TSI agar and its uses.
7. Koch postulates.
8. Hand hygiene.
9. Color coding of biomedical wastes.
10. Name four tests to demonstrate motility of organisms.

*** * ***