

B.Sc. Allied Health Sciences First Year (Semester-II)
February 2019 Examination

Time : 2.30 Hrs.

[Max. Marks : 80]

SUBJECT : MICROBIOLOGY

Q.P Code : J2040

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary.

LONG ESSAY

2 X 10 = 20 Marks

1. Describe the mode of transmission, clinical manifestations and samples to be collected in Diphtheria.
2. Define sterilization. Explain the principle, articles to be sterilized using an Autoclave with a neat labeled diagram.

SHORT ESSAY (Answer any Six)

6 X 5 = 30 Marks

3. Draw a map of human body and mark different lesions caused by Staphylococcus aureus.
4. Draw a map of human body and mark different lesions caused by Entamoeba histolytica.
5. Anaphylaxis: Mechanism of anaphylaxis with clinical importance.
6. Describe the standard precautions to be followed in the working place.
7. Describe the prevention and control measures against helminths.
8. Describe the post exposure prophylaxis against Rabies.
9. Draw a map of human body and mark different lesions caused by Candida.
10. Draw a map of human body and mark different lesions caused by *Pneumococci*.

SHORT ANSWERS (Answer any Ten)

10 X 3 = 30 Marks

11. List 3 Sexually transmitted diseases.
12. Enumerate 3 parasites present in the intestine.
13. Name three blood borne diseases.
14. Mode of transmission of HIV.
15. Name three diseases transmitted by mosquito.
16. Name three infections caused by E.coli.
17. Name three zoonotic infections.
18. Give three examples of commonly used disinfectants in hospital.
19. Name three articles sterilized using hot air oven.
20. Name three live vaccines.
21. List three clinical features of Tuberculosis.
22. List three clinical features of Malaria.

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

B.Sc. Allied Health Sciences First Year (Semester-II)
February 2019 Examination

Time : 2.30 Hrs.

[Max. Marks : 80]

SUBJECT : PATHOLOGY

Q.P Code : J2050

*Your answers should be specific to the questions asked.
Draw neat labelled diagrams wherever necessary.*

LONG ESSAY

2 X 10 = 20 Marks

1. Define Anemia. Describe pathogenesis and laboratory investigation of Iron deficiency anemia.
2. Describe cellular and vascular events in acute inflammation. Mention various tests in inflammation

SHORT ESSAY (Answer any Six)

6 X 5 = 30 Marks

3. Discuss pathogenesis and types of urinary stones
4. Discuss various agents causing cell injury. Give few examples for irreversible cell injury.
5. Describe pathogenesis and complications of atherosclerosis.
6. Discuss the differences between benign and malignant tumors.
7. What are the different methods of blood collection modes
8. Define leukemia. Discuss the causes for leucocytosis
9. Describe pathogenesis and types of hepatitis
10. Discuss briefly about breast carcinoma

SHORT ANSWERS (Answer any Ten)

10 X 3 = 30 Marks

11. List 3 methods of urine sample collections
12. Mention any 3 steps of tissue processing
13. List 3 disadvantages of FNAC
14. Draw the diagram of peptic ulcer
15. Mention 3 cellular adaptations
16. List 3 agents causing cell injury
17. Mention 3 stages of shock
18. List 6 causes for leucopenia
19. Draw the diagram of malignant cell
20. List 3 infectious diseases
21. List 3 blood grouping systems
22. Mention any 3 stains used in Laboratory