

APRIL 1996

AK 881

B.Sc.(MEDICAL LABORATORY TECHNOLOGY)

THIRD YEAR

Paper-III MICROBIOLOGY-II

Time: Three hours

Max:100 marks

Answer ALL Questions

1. Describe morphology, cultural characteristics and laboratory diagnosis of *Vibrio cholera*. (25)
2. Give an account of general methods involved in laboratory diagnosis of viral infections. (25)
3. Write short notes on: (5x10=50)
  - a) Antibiotic sensitivity test.
  - b) Autoclave.
  - c) V.D.R.L. test.
  - d) *Candida Albicans*.
  - e) Coagulase test.

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OCTOBER 1996

PK 881

B.Sc. (MEDICAL LABORATORY TECHNOLOGY)  
DEGREE EXAMINATION

THIRD YEAR

PAPER III - MICROBIOLOGY-II

Time: Three hours

Max: 100 marks

Answer ALL Questions

1. Describe the morphology, isolation and identification of *Treponema pallidum*. Discuss the standard tests for Syphilis. (25)
2. Give a detailed account of common techniques employed in the laboratory diagnosis of fungal infections. (25)
3. Write short notes on: (5x10=50)
  - a) Widal test.
  - b) Haemolysis on blood agar medium.
  - c) Cultivation of tubercle bacilli.
  - d) Tissue culture.
  - e) Morphology of *Clostridium tetani*.

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APRIL 1997

(MP 881)

B.Sc. (MEDICAL LABORATORY TECHNOLOGY)  
DEGREE EXAMINATION

THIRD YEAR

Paper-III MICROBIOLOGY-II

Time: Three Hours

Max:100 marks

Answer ALL Questions

1. Describe the morphology, cultural characters and laboratory diagnosis of pneumococcus. (25)
2. Mention the various diagnostic procedures employed in viral infections. Describe in detail the tissue culture techniques. (25)
3. Write short notes on: (5x10=50)
  - a) Preservation of microorganisms
  - b) Satellitism
  - c) Lactophenol cotton blue
  - d) ELISA
  - e) Urine Culture

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APRIL 1998

(SV 881)

B.Sc. (MEDICAL LABORATORY TECHNOLOGY)  
DEGREE EXAMINATION

THIRD YEAR

Paper-III MICROBIOLOGY-II

Time: Three Hours

Max: 100 Marks

Answer ALL Questions

1. Describe in detail the various laboratory procedures employed in the diagnosis of Enteric fever. (25)
2. Mention the various Techniques employed in the laboratory diagnosis of fungal infection. Write in detail of slide culture technique. (25)
3. Write short note on: (5x10=50)
  - a) Viral Transport Medium.
  - b) C.S.F. Culture
  - c) Standard tests for syphilis.
  - d) White Mice.
  - e) Western Blot.

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APRIL 1999

[SG 881]

Sub. Code : 5033

B.Sc. (Medical Laboratory Technology) DEGREE  
EXAMINATION.

Third Year

Paper III — MICRO BIOLOGY — II

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Describe the morphology, cultural characters and laboratory diagnosis of vibrio cholerae. (25)
  2. Mention the various laboratory techniques employed in the diagnosis of viral infection. Describe in detail the Egg inoculation technique. (25)
  3. Write short notes on : (5 × 10 = 50)
    - (a) Hair bait technique.
    - (b) Laminar air flow.
    - (c) Lyophilisation.
    - (d) ~~Teaglee's~~ Nagler's reaction.
    - (e) Antimicrobial sensitivity test.
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**APRIL 2000**

**[KB 881]**

**Sub. Code : 5033**

**B.Sc. (MEDICAL LABORATORY TECHNOLOGY)  
DEGREE EXAMINATION.**

**Third Year**

**Paper III — MICROBIOLOGY — II**

**Time : Three hours**

**Maximum : 100 marks**

**Answer ALL questions.**

1. Discuss briefly the organisation and safety procedures in Microbiology Laboratory. (25)
  2. Describe the classification of Streptococci. Discuss the morphology, cultural characters and laboratory tests for Streptococcus pyogenes. (25)
  3. Write short notes on : (5 × 10 = 50)
    - (a) Egg inoculation — methods and uses
    - (b) Maintenance of stock culture
    - (c) Laboratory diagnosis of subcutaneous mycosis
    - (d) Disk diffusion test for Antibigram
    - (e) Counter immuno electrophoresis.
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