



RAN - 2003000205020072

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T. Y. B. Sc. (Sem. - V) Examination March - 2023

Medical Laboratory Technology

MLT - 12 : Clinical Pathology

Time: 2 Hours]

[Total Marks: 50

सूचना : / Instructions

(1)

नीचे दृष्टविले निशानीवाणी विगतो उत्तरवली पर अवश्य लपववी.

Fill up strictly the details of signs on your answer book

Name of the Examination:

T. Y. B. Sc. (Sem. - V)

Name of the Subject :

Medical Laboratory Technology MLT - 12 : Clinical Pathology

Subject Code No.: 2003000205020072

Seat No.:

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Student's Signature

- (2) Illustrate your answers with neat and labeled diagrams wherever necessary.
(3) Figures to the right indicate full marks.

Q. 1 Answer in one or two sentences each:

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1. State the normal range of specific gravity for urine. Define Isosthenuria.
2. How can we preserve the stool sample?
3. What is semen liquefaction time? Give its significance.
4. Mention the purposes to collect the Ascitic fluid.

Q. 2 Answer in brief any two of the following:

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1. Explain the physical and chemical analysis of Pleural fluid.
2. Explain the formation, types and significance of casts in urine.
3. Enlist the concentration techniques used for detection of ova in stool. Explain any three of them in detail.

Q. 3 Write an essay on any one of the following:

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1. Indication and routine examination of Semen.
2. Composition and routine examination of CSF.

Q. 4 Write short note on any two of the following:

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1. Physical and Microscopic examination of Synovial fluid.
 2. Minute macroscopic examination of sputum.
 3. Chemical examination of Gastric juice.
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