



RAN - 1903000202030071

RAN-1903000202030071

F.Y.B.Sc. (Sem-II) Examination

March / April - 2019

MT-03 : Fundamentals of Medical Technology

Time: 2 Hours]

[Total Marks: 50

सूचना : / Instructions

नीचे दशविवेक निशानीवाणी विगतो उत्तरवली पर अवश्य लपववी.

Fill up strictly the details of signs on your answer book

Name of the Examination:

F.Y.B.Sc. (Sem-II)

Name of the Subject :

MT-03 : Fundamentals of Medical Technology

Subject Code No.: 1903000202030071

Seat No.:

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
----------------------	----------------------	----------------------	----------------------	----------------------	----------------------

Student's Signature

Q. 1 Answer the following:

[8]

- Name two methods of sterilization.
- Define disinfectants. Give two examples.
- Enlist the preservatives used for urine samples.
- What are anticoagulants? Give examples.

Q. 2 Attempt any two of the following:

[14]

- Enlist responsibilities of a phlebotomist.
- Enlist important chemical agents used for sterilization and describe alcohols.
- Explain in detail collection, preservation and transportation of CSF specimen.

Q. 3 **Answer any two of the following:** **[14]**

- a) Explain mode of action of disinfectant.
- b) Explain mechanism of action of different anticoagulants.
- c) Explain in detail collection, preservation and transportation of stool specimen.

Q. 4 **Write short notes on any two of the following:** **[14]**

- a) Hot air oven.
 - b) Eye and ear specimen
 - c) Preparation of patient and collection material of blood.
-