

# RAN-1903000202030071

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

### March / April - 2019

## MT-03: Fundamentals of Medical Technology

Time: 2 Hours ] [ Total Marks: 50

#### સૂચના : / Instructions

નીચે દર્શાવેલ 🖝 નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી. Fill up strictly the details of 🖝 signs on your answer book	Seat No.:
Name of the Examination:	
F.Y.B.Sc. (Sem-II)	
Name of the Subject :	
Subject Code No.: 1903000202030071	Student's Signature

#### Q. 1 Answer the following:

[8]

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

### Q. 2 Attempt any two of the following:

[14]

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

Q. 3	Answer	anv	two	of the	follo	wing
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[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.