

BACHELOR OF SCIENCE (RADIOLOGY & IMAGING TECHNOLOGY) (CBCS-2019 COURSE)

B.Sc. (R&IM) Sem-II : WINTER :- 2021

SUBJECT: MICROBIOLOGY

**Day : Monday
Date 24-01-2022**

W-21617-2021

**Time : 10:00 AM-12:00 PM
Max. Marks: 40**

N.B.:

- 1) There are two sections as:
Section – I – Long Answer Questions = 20 marks.
Section – II – Short Answer Questions = 20 marks.
 - 2) Section I & II should be written in **SAME** answer sheet.
 - 3) Draw neat and labeled diagram **WHEREVER** necessary.
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SECTION – I

Long Answer Questions:

Attempt **ANY TWO** out of **FOUR** : **[20]**

- 1) Describe in detail about Universal Safety Precautions.
- 2) Describe pathogenesis and laboratory diagnosis of pulmonary tuberculosis.
- 3) Describe quality control in Microbiology.
- 4) Enumerate organisms causing meningitis and describe laboratory diagnosis of pyogenic meningitis.

SECTION – II

Short Answer Questions:

Attempt **ANY FOUR** out of **SIX**: **[20]**

- 1) Louis Pasteur
- 2) Ethylene oxide gas
- 3) Anaerobic culture methods
- 4) Flagella
- 5) Bacterial growth curve
- 6) ELISA

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