

DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONER  
End Semester Examination – Winter 2022

Date: 25/07/2023

Sem: III

Course : B. Pharmacy  
Subject Name : Pharmaceutical Microbiology  
Max Marks : 75

Subject Code : BP303T

Duration : 3 Hr.

Instructions:

1. All questions are compulsory
2. Draw diagrams / figures wherever necessary
3. Figures to right indicate full marks

Q. 1. Objective Type Questions (Answer all the questions) (10 x 2) = 20

- i) Define Microbiology Enlist different branches of microbiology
- ii) Classify Microorganisms
- iii) Classify Bacteria
- iv) Define Industrial Microbiology
- v) Define the term Resolving Power and Numerical Aperture
- vi) Write The Classification of Microscope
- vii) Write A Note On Shape And Arrangement Of Bacteria
- viii) Differentiate Flagella And Pili
- ix) Write The Properties of Agar
- x) Differentiate between total count and viable count

Q. 2. Long Answers (Answer 2 out of 3)

- i) Explain in detail applications of Pharmaceutical Microbiology
- ii) Write In Detail About Contribution Of Louis Pasteur In The Field Of Microbiology
- iii) Write In Detail About Discovery Of Antibiotics

Q. 3. Short Answers (Answer 7 out of 9)

- i) Differentiate Between Prokaryotic And Eukaryotic Cell
- ii) Write general characteristics of rickettsia.
- iii) Explain the different natural sources of actinomycetes.
- iv) What is dermatophytes. Explain?
- v) Explain in short classification of Fungi.
- vi) How can human amoebiasis be prevented and treated
- vii) Write The Importance Of Algae.
- viii) Write general characteristics of interferon's
- ix) What Are Coliforms And Explain It.

-----END OF THE PAPER-----

@sandy\_jadhav\_sj

(2 x 10) = 20

(7 x 5) = 35