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(20524) Roll No. ...
B.Sc.(Micro.)-I Year.

3484

B.Sc. (Microbiology)
Examination, May-2024
FUNDAMENTAL OF MICROBIOLOGY
(B-101)
(B.Sc. Micro.)

Time : Three Hours] [Maximum Marks : 50

Note : Attempt **all** the Sections as per instructions.

Note : Attempt any **five** questions. **All** questions carry equal marks.

1. Write an essay on carrier opportunities for microbiologists. 10
2. Write briefly on the following- 2×5=10
 - (a) Hyper sensitivity
 - (b) Graw negative bacteria
3. Describe Whittaker's five kingdom concept in detail. 10

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4. Write about the ecological charters used in microbial taxonomy. 10
5. Write notes on _____ 2×5=10
 - (a) Type-IV hypersensitivity reaction.
 - (b) Use of micro-organism in bioremediation.
6. Write an essay on discovery of viruses. 10
7. Describe general characteristics of microorganism. 10
8. What do you know about spontaneous generation controversy with special reference to historical developments of microorganism.
9. Write an essay on different groups of microorganism.
10. Write on- 2×5=10
 - (a) Bacteria culture techniques.
 - (b) Lag phase of bacteria growth

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