

B.Sc. Semester - 6 (NEP-2020) Examination

March/April-2026

MIC: Veterinary Microbiology (Minor-6)

Time: 2:00 Hours

Marks:50

Instructions:

1. All questions are compulsory.
2. Figures to the right indicate marks.

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- Que.1 (1) Explain bacterial growth curve. (05)
(2) Write a note on types of media. (05)

OR

- (1) Write a note on oncogenic viruses. (05)
(2) Write on general characteristics of viruses. (05)

- Que.2 (1) Discuss buffers and their importance in culture media. (05)
(2) Write a note on cultivation of anaerobic bacteria. (05)

OR

- (1) Enlist culture preservation methods and explain Any One. (05)
(2) Write on cultivation of fungi. (05)

- Que.3 (1) Write a note on microbial endotoxins. (05)
(2) Write a note on sources and route of infection. (05)

OR

- (1) Write a brief note on microbe-animal interaction. (05)
(2) Discuss transmission of microbes. (05)

- Que.4 (1) Write a note on brucellosis. (05)
(2) Discuss in prophylaxis and control measures of swine flu. (05)

OR

- (1) Write a note on BVD. (05)
(2) Write a note on animal disease caused by *Pasteurella haemolytica*. (05)

- Que.5 (1) Discuss Physical conditions required for bacterial growth. (05)
(2) Explain serial dilution for pure culture isolation. (05)

OR

- (1) Write in brief on exotoxins. (05)
(2) Write a note on FMD. (05)
