

**The West Bengal University of Health Sciences**  
**M.D. (Microbiology) May - June, 2022 Examination**

Paper: IV

Full Marks: 100  
Time: 3 Hours*Attempt all questions*

1. Write what you know about automated sensitivity test. 10
2. Write what you know about detection of HBV DNA and HCV RNA in an automated system. 10
3. Discuss the role of infection control committee and infection control team in control of HAI. 10
4. You have been asked to set up a molecular laboratory with your department. How will you proceed ? 10
5. Write notes on preservation of bacteria. 10
6. Discuss about pandemic preparedness and pandemic control in your hospital setting. 10
7. What do you know about EQA in maintaining the quality of the ICTC attached your hospital. 10
8. What do you know about Emerging and Re-emerging viral diseases. 10
9. Discuss 'One health' programme. 10
10. Discuss about the different vaccines available against the SARS-Cov2. 10