

**The West Bengal University of Health Science**  
**M. Sc in Medical Laboratory Technology (Microbiology) Part-II June-July**  
**2023,**  
**(Oral & Practical) Examination**  
**Subject: Bacteriology and Mycology**

Paper: I

Full Marks: 80

Time: 6 h

1. Perform the Dengue-ELISA using the supplied sample (A or B). 20  
(Principle: 5; Procedure: 5; Work: 5; Drawing: 2; Interpretation: 3)
2. Perform plaque assay of the supplied sample (C or D). 20  
(Principle: 5; Procedure: 5; Work: 5; Interpretation: 5)
3. Write down the principle and applications of western blot and radio-immuno assay. 20
4. Viva voce/oral. 20

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