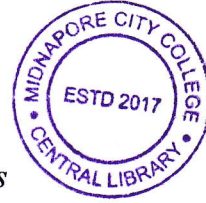


The West Bengal University of Health Sciences
M.Sc. in Medical Microbiology Part-II July-August, 2020
Examination
(Session-2016-2019)

Subject : Bacteriology and Mycology
Paper : II



Full Marks : 100
Time : 3 hrs.

Attempt all questions

1. Discuss the mechanism of Gram Staining. Write down the role of Gram Staining in diagnostic microbiology. 5+5
2. Discuss the preparation of Sheep Blood Agar in laboratory. 10
3. How will you collect the sample from a patient with sore throat? Discuss the process of isolation and identification of Streptococcus pyogenes from it. 4+6
4. Discuss the method of sterilisation of L. J. Media, and inoculation of Sputum in it. 5+5
5. Give an account on disposal of disposable syringes after use. 10
6. Give an account on rapid diagnosis of Fungal meningitis. 10
7. Discuss in details on Slide Culture. 10
8. Discuss the role of Spore in diagnostic mycology. 10
9. Give an account on etiopathogenesis of Enteric fever. 10
10. Discuss the process of isolation and identification of vibrio cholerae from a stool sample. 10