



বিদ্যাসাগর বিশ্ববিদ্যালয়

VIDYASAGAR UNIVERSITY

BMLT

5th Semester Paramedical Examination 2021

CLINICAL MICROBIOLOGY

PAPER—XIV (Unit-27)

Full Marks : 40

Time : 2 Hours

The figures in the right-hand margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable.

Illustrate the answers wherever necessary.

Group - A

Answer any *two* questions.

2×10

1. What is sterilization? Write down the difference between Gram (+)ve and Gram (-)ve bacteria. Write short notes on bacterial flagella and pilli.
2+4+4
2. Write briefly about the safety regulation performed in microbiology laboratory.
10

3. Write down about the pathogenesis and lab-diagnosis of influenza virus. 5+5
4. Write the sample collection procedure for fungal diagnosis. Write a short note on swain-flu. 5+5

Group – B

Answer any *four* questions. 4×5

5. Write briefly about 'Anaerobic Culture Medium'.
 6. Write briefly about Blood Agar preparation.
 7. What is Pasteurization? Write its significance of it. 3+2
 8. State briefly the characteristics of common pathogen.
 9. Discuss briefly the safety regulation of the laboratory.
 10. Write a short note on 'Albert staining'.
 11. Discuss the pathogenesis of 'Rabies'.
 12. Write briefly the laboratory diagnosis of kalaazar.
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