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Total No. of Pages : 01

Total No. of Questions : 08

B.Sc. (Medical Lab Sciences) (Sem.-2)

SYSTEMIC BACTERIOLOGY

Subject Code : BMLS-201-18

M.Code : 75897

Date of Examination : 12-08-21

Time : 2 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. Attempt any FIVE question(s), each question carries 12 marks.

1. Define bacterial culture and discuss in detail about culturing.
2. What do you mean by bacterial culture? Discuss in detail about culture procedure for seeding a plate.
3. Justify the importance of staining in microbiology pattern. Discuss in detail about Zihel Neelsen stain.
4. Write down the principal of staining technique and give a detailed information about albert stain.
5. Why biochemical test are conducted? How they are helpful in identification of disease? Mention the principle and procedure of carbohydrate fermentation.
6. Write a detail note on principle, procedure and interpretation of urase and citrate.
7. What is the role of staphylococcus? How the various characteristics including morphological, cultural and biochemicals are evaluated?
8. Which type of disease can be caused by mycobacterium tuberculosis also discuss about their morphological and biochemical properties?

Note: Any student found attempting answer sheet from any other person(s), using incriminating material or involved in any wrong activity reported by evaluator shall be treated under UMC provisions.

Student found sharing the question paper(s)/answer sheet on digital media or with any other person or any organization/institution shall also be treated under UMC.

Any student found making any change/addition/modification in contents of scanned copy of answer sheet and original answer sheet, shall be covered under UMC provisions.