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Total No. of Pages : 02

Total No. of Questions : 18

B.Sc. (MLS) (2018 & Onwards) (Sem.-1)

GENERAL MICROBIOLOGY

Subject Code : BMLS-102-18

M.Code : 75259

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.
3. SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.

SECTION-A

Answer briefly :

- Q1. Who discover the penicillin?
- Q2. Define Free Living Bacteria.
- Q3. Write a short note on Gram positive cell wall.
- Q4. Name the different types of flagella.
- Q5. Define Bacterial Spores.
- Q6. What is Growth Cycle?
- Q7. Define Sporocides.
- Q8. What is synthetic media?
- Q9. Define Eukaryotes.
- Q10. What is pour plate culture method?

SECTION-B

- Q11. Explain the care and maintenance of inspissator.
- Q12. What are different types of antiseptics used in laboratory?
- Q13. Write a note on the cleaning of glassware.
- Q14. What are the nutritional requirements affecting the growth of microorganisms?
- Q15. Write a short note on hazardous waste.

SECTION-C

- Q16. What precautions should be taken while using heat & radiations for sterilisation?
- Q17. Explain the image formation in dark ground microscope with the help of suitable diagram.
- Q18. Define Culture Media. Discuss different types of media used for the cultivation of microorganisms.

NOTE : Disclosure of identity by writing mobile number or making passing request on any page of Answer sheet will lead to UMC against the Student.