

Roll No.

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Total No. of Pages : 02

Total No. of Questions : 18

Pharm D. (Sem.-2)
PHARMACEUTICAL MICROBIOLOGY
Subject Code : 2.2
M.Code : 26515

Time : 3 Hrs.

Max. Marks : 70

INSTRUCTION TO CANDIDATES :

1. SECTION-A contain SEVEN questions. Attempt any FIVE questions. Each question will carry TWO marks each. Attempt any SIX
2. SECTION-B contain EIGHT questions (Short Essay Type). questions. Each question will carry FIVE marks.
3. SECTION-C contain THREE questions (Long Essay Type). Attempt any TWO questions. Each question will carry FIFTEEN marks.

SECTION-A

Define :

Q1. Disinfectants

Q2. Grams Staining

Q3. Sterility testing

Differentiate between

Q4. Toxin and Toxoid

Q5. Vitamins and antibiotics

Q6. How petriplates and gowns sterilized

Q7. Why it is necessary to wrapped brown paper before autoclaving?

SECTION-B

Q8. What is the principle and procedure of microbiological staining?

Q9. Give different methods for the evaluation of disinfectants and explain any two.

Q10. What is Immunity? Classify it with examples.

Q11. Give principles and methods of different microbiological assay.

Q12. Explain microbial assay of streptomycin.

Q13. Explain the validation of sterilization process?

Q14. How vaccines are standardized.

Q15. Explain the Structure of Bacteria.

SECTION-C

Q16. Explain construction, working, principle and uses of horizontal Autoclave.

Q17. Explain diagnostic tests?

Q18. Write short note on Malaria and HIV.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.