

Roll No.

Total No. of Pages : 02

Total No. of Questions : 09

B.Sc. Honours (Microbiology) (Sem.-5)

BIOSAFETY AND INTELLECTUAL PROPERTY RIGHT

Subject Code : BSMB-505-20

M.Code : 92511

Date of Examination : 16-12-22

Time : 3 Hrs.

Max. Marks : 30

INSTRUCTIONS TO CANDIDATES :

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

SECTION-A

1. **Write briefly :**
 - a. Copyright
 - b. Z value
 - c. Role of biosafety committee
 - d. Provisional filing of patent
 - e. Role of Quality Assurance in pharmaceuticals
 - f. Mechanism of filtration sterilization
 - g. Head office and sub branches of Patent office
 - h. Biological safety cabinets
 - i. Allergenicity
 - j. Safety precaution in microbiology lab.

SECTION-B

2. Explain the objective and scope of NABL.
3. What are Copyright authorities and what are its benefits?
4. Enlist the methods used in dry heat sterilization and explain the mechanism of microbial destruction.
5. Discuss the recommended biosafety levels for infectious agents.
6. Explain the protection of GMOs IP as a factor in R&D.

SECTION-C

7. Briefly explain Good Laboratory practices (GLP) in pharmaceutical industry.
8. Describe briefly PCT and its process.
9. Briefly explain the objective and method for sterility testing.

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.