

FACULTY OF SCIENCE
BSc. CBCS III-Year (V-Semester) Regular Examinations, Dec-2022/Jan-2023
Biotechnology-V/B
(Medical Biotechnology)

Time: 3 Hours

Max Marks: 80

SECTION-A

(4x5=20 Marks)

Answer any Four questions from the following

1. Expressivity.
2. MERRF.
3. Down syndrome.
4. Subunit vaccine.
5. Growth hormone.
6. Ultrasonography.

SECTION-B

(4x15=60 Marks)

Answer all the following questions

7. (a) Explain the pedigree analysis of allosomal traits.
(OR)
(b) Write an essay on genetic heterogeneity.
8. (a) Describe the monogenic disorders.
(OR)
(b) Write about diabetes symptoms and treatment.
9. (a) What are the different prenatal diagnosis methods?
(OR)
(b) Describe the Chip based diagnosis and applications.
10. (a) What are therapeutic recombinants proteins?
(OR).
(b) Discuss the application of monoclonal antibodies.