

10:20-11:50

RAMANANDA COLLEGE
BISHNUPUR, BANKURA
DEPARTMENT OF PHYSIOLOGY
B. Sc. 4th Semester (Programme) Internal Assessment-2022

Course Code: SP/PHY/401/C-1D
Paper Code: 42518

F.M: 10

Course Title: Bioengineering
Time: 45 Min

Answer any two questions from the following:

5 X 2 = 10

- a) Write the advantages and disadvantages of enzyme immobilization.
Write any two applications of enzyme immobilization.
- b) Describe about the applications of DNA fingerprinting in forensic laboratory.
- c) What is monoclonal antibody? Write down its preparation in hybridoma technology.
- d) Write a short note on PCR.

$1\frac{1}{2} + 1\frac{1}{2} + 2 = 5$

5

$2 + 3 = 5$

5