

United International University

School of Science and Engineering

Class Test 3; Year 2022; Semester: Spring

Course: BIO 3105; Title: Biology for Engineers, Section: B



Class Serial: ; Name: ; ID:

1. Name the criteria of a competent host for rDNA. 3 CO1

2. Name the goods you would like to protect against biopiracy that is native to Bangladesh (Naming 5 would be sufficient). 3 CO1

3. Do you think you have scope to give your input as a computer engineer in gene therapy for a project? Give details. 5 CO3

4. Name the applications of rDNA in the medical field.

3 CO1

5. Suppose you have a restriction enzyme that has a recognition sequence TGCCGA. How you would complete the rDNA for a given sequence of one strand as below show in a pictorial view (You need to complete the DNA with a complementary strand before starting the process).

6 CO3

ATATCGCCGAACTTGCATCTGACGATCGTTATCGATCGACCGGTCGCCGAATTGCATCG

