

Dr.Kanailal Bhattacharyya College
Internal Assessment-2021
B.Sc. Semester-I(Honours)Examination
Under CBCS System
Subject-Zoology
CORE COURSE 2: Molecular Biology
ZOOA-CC2

Date:2/3/2021

Time:1hour(11A.M.-12P.M.)

Answer **any five** questions:

5x2=10

- 1)What is RNA editing?
- 2)What is alternative splicing?Give example.
- 3)What is Shine-Dalgarno sequence?Mention its significance.
- 4)Comment on the role of sigma factor in RNA Polymerase.
- 5)State Chargaff's rule.
- 6)State the roles of Dna B and Dna C proteins in replication.
- 7)"Trp repressor is a positive allosteric protein"-Explain.
- 8)What is hyperchromic shift in DNA?