

Department of Biochemistry and Molecular Biology
Shahjalal University of Science and Technology
Molecular Biology-II : Midterm- I
Marks: 10 Time 50 min

Answer all questions 5x2=10

1. Define: gene, genome, chromosome, chromatin, nucleosome
2. Write notes on the synthesis and assembly of ribosome
3. What is interrupted gene? Give two examples
4. Explain the role of histone deacetylase in gene regulation
5. Show the post transcriptional modification