

Department of Biochemistry and Molecular Biology
Shahjalal University of Science and Technology
Course Title: Introductory Molecular Biology (BMB 131)

1. Write down the definition of following terms $0.5 \times 12 = 6$
Homeostasis, b) Catabolism, c) Anabolism, d) Partial dominance, e) Co-dominance,
f) Recombination, g) Gamete, h) Allele, i) Null allele, j) Phenotype, k) Sigma subunit, l) Promoter.
2. What are the distinguishing features of living organism? 2
3. What do you mean by central dogma of molecular biology? 1
4. Write down the function of DNA polymerase III and RNA polymerase. 1