

**BMB322: Molecular Biology-1 (05/05/2013)**

**Term Test-1**

**Time- 50 min Marks-10**

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| 1. | Write down the basic characteristics of <b>Watson-Crick</b> DNA model. | 2.0 |
| 2. | Write down the Chargaff rule of DNA.                                   | 1.0 |
| 3. | Mathematically explain the supercoiling of DNA.                        | 2.0 |
| 4. | Define with example: Cot value; palindromic sequence;                  | 2.0 |
| 5. | What is RNA?   | 1.0 |
| 6. | Draw a structure of tRNA and write down its function.                  | 2.0 |