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|  | **[Design & Analysis of Algorithm]**  **[BSCS – 5 A]**  **Department of Computer Science**  **Bahria University, Lahore Campus** |

**Quiz: 2** Date: Week [6]

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Roll No: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| **Evaluation of CLO** | **Question Number** | **Marks** | **Obtained Marks** |
| **CLO statement**   * **CLO 2:** **Analyze the time and space complexity of different algorithms.** | 1 | 2.5 |  |
| **Total Marks** | | **2.5** |  |

**Q1. Perform Time complexity analysis of the following recurrence using substitution method or Recursion Tree method.**

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