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| **CSE 101:** Introduction to Computer Studies (Sec-9)  Department of Computer Science and Engineering  University of Liberal Arts Bangladesh | | | |
| **Course Title:** Introduction to Computer Studies | | **Course Code:** CSE 101 | |
| **Total Marks:** 30 | | **Time: 6**0 minutes | |
| **Name:** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | **ID:** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

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| 1. Convert (456)8 to hexadecimal. | 8 |
| 1. Convert (23.6875)10 to binary and then convert the binary to decimal. | 12 |
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| 1. Perform the following binary operations:    1. (1101110)2 + (1010101)2    2. (1100000)2 - (1001111)2    3. (1100)2 × (1001)2    4. (110111)2 ÷ (101)2 | 10 |