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| **PLEASE ANSWER ALL QUESTIONS.** | **Total 20 Marks** |

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| **QUESTION 1**  Perform the following binary operations:   1. (1100000)2 - (1011111)2 2. (10111)2 ÷ (10)2 | 5 marks |
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| **QUESTION 2**  Write the algorithm and pseudocode to find sum of series | 6 marks |
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| **QUESTION 3**  Identify and categorize various entities of “ULAB Moodle” into software, hardware & user. | 3 marks |
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| **QUESTION 4**  A flowchart is given below:    What will be the output for the following inputs:   1. 9 2. 11 | 6 marks |
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| **\*\*END OF QUESTIONS\*\*** | |