MAHARAJA AGRASEN INSTITUTE OF TECHNOLOGY



**Assignment#1 Year of Study: 2024-25**

**Name of Subject: Programming in ‘C’ Subject Code: ES-101 / ES-102 Semester: 1**

**Class : N Section 1st Year**

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| **Assignment No** | **Date Given** | **Date of Submission** | **Mode of Submission** | **Total Marks** | **CO**  **Mapped** |
| 1 | 20/09/2024 | 26/09/2024 | Hard Copy | 10 | CO1 |

Questions:

1. **How algorithm is different from flowchart? Marks:2**
2. **What are the different steps followed in the program development? Marks:2**
3. **Explain the following & illustrate it with an example each.**
   1. **Increment & Decrement operator.**
   2. **Conditional operator.**
   3. **Bitwise operator.**
   4. **Assignment operator. Marks:2**
4. **Explain the concept of Type Conversion and Type Casting. Marks:2**
5. **Write the following C program**
   1. **Convert Fahrenheit to Celsius temperature. Marks:2**

Instructions:

1. Write your name and roll number and phone number on front page in clear writing.
2. For computer program, submit the code, sample inputs and outputs.
3. Failure to submit in time will incur penalty in marks.