

**RE-TEST**  
**SUBJECT: FUNDAMENTALS OF COMPUTING (FOC)**

**Date: 15/06/2020**

**Marks: 30M**

<b>S.NO</b>	<b>QUESTIONS</b>	<b>MARKS</b>
<b>1.</b>	Explain the steps in Engineering problem –Solving Methodology with an appropriate example.	<b>05M</b>
<b>2.</b>	Define Constants. Illustrate the different types of Constants with an examples.	<b>05M</b>
<b>3.</b>	List the basic Data Types, Its Size and Range in C Programming.	<b>05M</b>
<b>4.</b>	Explain Type Conversions in expressions with an example.	<b>05M</b>
<b>5.</b>	Compare the Following: <ul style="list-style-type: none"><li>• Forward and Backward Jumps</li><li>• Entry Control loop and Exit Control loop</li></ul>	<b>05M</b>
<b>6.</b>	Define an Array. Illustrate different types of Initializations for both One-dimensional and Two-dimensional arrays.	<b>05M</b>