

**G H Raisoni College of Engineering and Management, Pune.**

(An Autonomous Institution)

F.Y B. Tech (Engineering)

FIRST Term 2020-21

CAE-II (2020 Pattern)

Subject Name: Computer Programming (UCOL101)

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**TIME:-1 Hours**

**Max.Marks-15**

CO1: Design algorithms and flowcharts for solving Mathematical and Engineering Problems

CO2: Apply the suitable Control structures to solve the given problem

CO3: Investigate the problems and Identify the use of Pointers and Functions in it.

CO4: Assess the programming structure and recommend the type of array-  
to be useful to find a solution for applications.

CO5: Synthesize various problems to develop logical thinking

***Instructions to the candidates:***

***1)All questions compulsory.***

***2)Neat diagrams must be drawn wherever necessary.***

***3)Figures to the right indicate full marks.***

<b><i>CO</i></b>	<b><i>Question</i></b>		<b><i>Marks</i></b>	<b><i>BL</i></b>
CO3	<b><i>1</i></b>	<b><i>Write and explain the syntax of function?</i></b>	[3]	[4]
CO3	<b><i>2</i></b>	<b><i>What is pointer. How to declare and initialize it.?</i></b>	[3]	[3]
CO3	<b><i>3</i></b>	<b><i>Write a program to display sum of two numbers by using concept of function</i></b>	[3]	[5]
CO4	<b><i>4</i></b>	<b><i>Explain How to declare and initialize 1-D, 2-D array.</i></b>	[3]	[4]
CO4	<b><i>5</i></b>	<b><i>Write a program to read and display the elements using 1-D array.</i></b>	[3]	[5]