



B V Raju Institute of Technology
(UGC Autonomous)
Vishnupur, Narsapur, Medak

B.Tech 1 Semester First MID-February 2021

Year : 2

subject : Advanced Data Structures through C++

Time : 11:44 AM and 11:48 AM

Branch : CSE

Date : 28/03/2021

Marks : 15

Answer any three Questions. All Questions carry equal marks

Q.No	Question Description	Marks
1a).	What is an object?	2
1b).	What is a class?	3
2a).	What is the role of protected access specifier?	2
2b).	What is encapsulation?	3
3).	What are the various Arithmetic Operators in C++?	5
4).	What is an Inline function in C++?	5
5a).	Can we initialize a class/structure member variable as soon as the same is defined?	2
5b).	What is a destructor? Can it be overloaded?	3