Date : Approved by :

ASSIGNMENT : ITC-EDU-AS-1803-S-018-0413 Sheet : 1 OF 1

Course : V-CPRG Batch No. :

Module : “C” Language( Structure and Union) Type : Theory

Date of Issue : Date of Submission :

1**.** Calculate and write the size of given structure

i) struct stud ii) struct emp

{ {

int num; int empno;

char nm[15]; char nm[15];

float marks[5]; float sal,pf,hrs;

}; };

2. Define a structure data type called time\_struct containing three members integer

hour, integer minute, and integer second. Develop a program that would assign

values to the individual members and display the time in this form: 16:40:51.

3. Define a structure called cricket that will describe the following

Information

Player name

Team name

Batting average.

Using cricket declare an array player with 3 elements and write a program to read the information about all the 3 players and print a team-wise list containing .names of players with their average.

4.Define a structure which has members that include name , idno and marks. Write a

C program to read the information about N students and print , the name and idno of

the students having marks in ascending order.

**Theory**

Q-1 What is structure ? Differentiate between structure and union:

Q-2 Differentiate between structure and array:

Q-3 What are compile time errors and runtime errors? Explain with an example.

Q-4 What are the different storage classes supported by C?