



VIT[®]
Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)

School of Information Technology and Engineering (SITE)

Fall Semester 2021-2022

Programme/Branch : B.Sc (CS) Slot: A1+TA1 Date: 23/08/2021

Course Code: CSC1011 Course Name: OOAD Max. Marks: 10

Assessment01-DA1

Instructions:

1. Write down your answer in a white paper with your reg. no., Name, Slot, faculty name and group ID, and question number in first page of your answer then upload a scanned file after making it as a pdf file. Ensure that readability of it.
2. You can answer your group question only.
3. You can upload your Digital Assignment1 answers through the <http://vtop.vit.ac.in> login only.
4. Late submission not allowed.
5. You can upload scanned copy of handwritten materials in .pdf format.
6. Don't upload .docx or .txt format.

Questions and Group details

Group ID: 01[Reg.No. 19BCS0001 to 19BCS0021]-21 members

1. Draw a class hierarchy diagram for Railway Information Systems with all types of inheritance relationships.
2. Elaborate representative usages of the following object oriented operating systems;
 - a. CALTSS (for CDC 6400)
 - b. CAP
 - c. UCLA Secure Unix (for PDP 11/45)
 - d. iMAX Intel 432

Group ID: 02[Reg.No. 19BCS0022 to 19BCS0044]-21 members

3. Draw a class diagrams for Personal Information Systems with all types of inheritance relationships.
4. Highlight the significance of the following object oriented architecture;
 - a. IBM system/38
 - b. Rational R1000
 - c. Intel 432
 - d. The Plessey 250

Group ID: 03[Reg.No. 19BCS0045 to 19BCS0064]-20 members

5. Draw a class diagrams for Healthcare Information Systems with all types of inheritance relationships.
6. Summarize the features of the following programming languages with their application areas;
 - a. Eiffel
 - b. Smalltalk 80
 - c. Simula
 - d. .NET- Microsoft's object