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DMI-ST. EUGENE UNIVERSITY
DEGREE EXAMINATION – DECEMBER – 2022

SEM: II 351CP14 OBJECT ORIENTED PROGRAMMING USING C++

Time: 3 Hours

Max. Marks: 100

Answer any Five questions (5 x 20 = 100 Marks)

1. a) Discuss in details about any five features of Object-Oriented-Programming. (10 Marks)
b) Summarize the pros and cons of oops. (5 Marks)
c) Differentiate between C and C++. (5 Marks)
2. a) List the categories of operators and Explain about the usage of any three operators with example. (10 Marks)
b) Write a C++ Program to display address of each element of an array with sample output. (10 Marks)
3. a) Discuss in details about function prototype with its syntax and write an example program for function prototype. (10 Marks)
b) Describe in details about Inline Functions with an example program. (10 Marks)
4. a) Classify all types of inheritance. (10 Marks)
b) Write an example program and explain Single inheritance. (10 Marks)
5. a) List the ten rules for handling exception successfully. (10 Marks)
b) Explain the exception handling model of C++ with various construct supported by it. (10 Marks)
6. a) Discuss in detail about Objects and Classes with appropriate example. (10 Marks)
b) Discuss the Concept object-oriented paradigm with neat diagram. (10 Marks)
7. a) Describe in detail about token and its various types. (10 Marks)
b) Briefly explain the rules for identifiers. (10 Marks)