

School of Computing Science and Engineering

B.Tech CSE
CAT2 - Jun 2022

Time : 90 Minutes

Marks : 30

Sem II - BCS01T1006 - Object Oriented Programming

Your answer should be specific to the question asked

Draw neat labeled diagrams wherever necessary

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| 1. | List out five common examples of exceptions. | CO3 | (2) |
| 2. | Define dynamic binding. | CO4 | (2) |
| 3. | Write down a detailed C++ program to demonstrate the use of try, catch, throw. | CO3 | (5) |
| 4. | What is the difference between pure virtual functions and virtual functions? | CO4 | (5) |
| 5. | What is a user defined exception? What are the advantages of using exception handling mechanism in a program? When do we use multiple catch handlers? | CO3 | (8) |
| 6. | What do you mean by Rethrowing an exception? Describe which type of catch block is used to catch all types of exceptions in C++ and why? | CO4 | (8) |