

BCA
(SEM.II) BCA-2001:
OBJECT ORIENTED PROGRAMMING USING C++

REVISED QUESTIONS ANSWERS

EXAMINATION PAPER OF (2022-23)	
Questions	Answers
60. Which of the following is an incorrect type of constructor in C++? (A) Copy constructor (B) Move constructor (C) Default constructor (D) Parameterized constructor	None of the above (because these all are the constructor in C++ and Move constructor is recently added constructor in C++)
71. C++ exception handling mechanism mainly uses how many keywords? (A) Four (B) Three (C) Two (D) None of the above	(B) Three(try, throw, catch)
75. _____ means that the code associated with a given procedure call is not known until the time of the call at runtime. (A) Dynamic (B) Runtime binding (C) Early (D) Static binding binding	(A) Dynamic Binding
81. C++ follows (A) Top – down Design Approach (B) Bottom – up Design Approach (C) Both of the above (D) None of the above	(a) Bottom – up design approach
90. Which of the following OOPs concepts are supported in C++? (1) Inheritance (2) Encapsulation (3) Abstraction (4) Polymorphism Options: (A) 1 and 2 (B) 1, 2 and 3 (C) 1, 2 and 4 (D) All 1, 2, 3, 4	(D) All 1, 2, 3, 4
93. C++ is a more secure programming language compared to C language. (A) True (B) False	(A) True

EXAMINATION PAPER OF (JULY- 2022)	
52. A friend function for unary operator overloading takes _____ arguments. (a) Zero (b) One (c) Two (d) None	(b) One
67. The function used to display one line at a time : (a) get() (b) put() (c) getline() (d) write()	(c) getline
87. _____ is the universal handler class for exceptions. (a) Maths (b) Object (c) Exceptions (d) Errors	(c) Exceptions
MODEL PAPER – I	
Q.7. What is the use of the indentation in C++? (a) r distinguishes between comments and inner data (b) distinguishes between comments and outer data (c) distinguishes between comments and code (d) r distinguishes between comments and outer data	(b) distinguishes between comments and code
Q.10. How many fundamental data types are there in C++? (a) 1 (b) 2 (c) 3 (d) 4	None of the above (because fundamental datatypes are : int, float, char, double, Boolean)
Q.18. What will be the output of the following C++ program? #include <iostream> #include <string> using namespace std; int main () { string str ("Sanfoundry"); for(size_t i =0; i < str.length();) { cout<< str.at(i-1); } return 0; }	(a) Runtime error

(a) runtime error (c) S	(b) runtime (d) Sanfoundry	
34. What is meant by multiple inheritance? (a) Deriving a base class from derived class (b) Deriving a derived class from base class (c) Deriving a derived class from more than one base class (d) None of the mentioned	(c) Deriving a derived class from more than one base class	
Q.47. What is size of generic pointer in c? (a) 0 (c) 2	(b) 1 (d) Null	None of the above
Q.78. How many types of polymorphisms are supported by C++? (a) 3 (c) 1	(b) 2 (d) 4	(b) 2 (static and dynamic polymorphism)
Q.82. Which of the following statement is correct? (a) The default value for an argument cannot be function call. (b) C++ does not allow the redefinition of a default parameter. (c) Both (1) and (2). (d) C++ allows the redefinition of a default parameter	(b) C++ does not allow the redefinition of a default parameter.	
97. Run time polymorphism in C++ program is_____. (a) New and delete operator overloading (b) ++ and -- operator overloading (c) operator overloading (d) None	(b) None	
MODEL PAPER – II		
Q.7. Which among the following is correct for the class defined below? class student { int marks;	(a) Program will give compile time error	

<pre>public: student(){ student(int x) { marks=x; }; }; main() { student s1(100); student s2(); student s3=100; return 0; }</pre>		
(a) Program will give compile time error (b) Object s3, syntax error (c) Only object s1 and s2 will be created (d) Program runs and all objects are created		
26. Data members _____ (C++). (A) Can be initialized with declaration in classes (B) Can be initialized only with help of constructors (C) Can be initialized either in declaration or by constructor (D) Can't be initialized	(c) Can be initialized either in declaration or by constructor	
29. A class can have self-referential data members. (a) True (b) False	(a) True	
65. A factory object is used _____. (a) To create new classes (b) To create new function (c) To create new data members (d) To create new objects	(d) To create new objects	
MODEL PAPER – III		
Q.41. Number of destructors called are _____. (a) Always equal to number of constructors called (b) Always less than the number of constructors called (c) Always greater than the number of constructors called (d) Always less than or equal to number of constructors	(d) Always less than or equal to number of constructors	

Q.100.Which of the following is not used to seek file pointer?	(a) iso::set
(a) iso::set (b) iso::end	
(c) iso::cur (d) iso::beg	

