

## Object Oriented Programming Using C++ [BCA-209]

S.No.	Question	A	B	C	D	Ans
1	Which of the two features match each other?	Inheritance and Encapsulation	Encapsulation and Polymorphism	Encapsulation and Abstraction	Abstraction and Polymorphism	C
2	What is default access specifier for data members or member functions declared within a class without any specifier, in C++?	Private	Protected	Public	Depends on Compiler	A
3	If a function can perform more than 1 type of tasks, where the function name remains same, which feature of OOP is used here?	Encapsulation	Inheritance	Polymorphism	Abstraction	C
4	Which feature in OOP is used to allocate additional function to a predefined operator in any language?	Operator Overloading	Function Overloading	Operator Overriding	Function Overriding	A
5	Which among the following best defines abstraction?	Hiding the implementation	Showing the important data	Hiding the important data	Hiding the implementation and	D
6	A base class is also known as _____ class.	Basic	Inherited	Super	Sub	C
7	If class A is derived from another derived class B which is derived from class C, which class will have maximum level of abstraction?	Class A	Class B	Class C	All have the same level of abstraction	C
8	Derived class is also known as _____	Sub Class	Small Class	Big Class	Noticeable Class	A
9	Which of the following gets called when an object is being created?	Constructor	Virtual Function	Destructors	Main	A
10	Destructor has a same name as the constructor and it is preceded by?	!	?	~	\$	C
11	Which of the following is called address operator?	*	&	_	%	B
12	Which of the following is used for comments in	//comment	/comment	*comment	?comment	A
13	What is used to read from the console in C++?	cin	scanf	read	getline	A
14	What is used to write/display to the console in C++?	printf	cout	write	putline	B
15	Which operator is used with cin ?	>>	<<	>	<	A
16	Which operator is used with cout?	>>	<<	>	<	B
17	Which feature of OOP indicates code reusability?	Encapsulation	Inheritance	Abstraction	Polymorphism	B
18	Which feature can be implemented using	Inheritance	Abstraction	Polymorphism	Overloading	B
19	Which of the following is not a type of Constructor?	Friend constructor	Copy constructor	Default	Parameterized	A
20	What is the other name used for functions inside a	Member variables	Member functions	Class functions	Class variables	B
21	Which among the following can restrict class members to get inherited?	Private	Protected	Public	All three	A

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22	Which type of members can't be accessed in derived classes of a base class?	Protected	Private	Public	All can be accessed	<b>B</b>
23	Which of the following is true?	All objects of a class share all data members of class	Objects of a class do not share non-static members. Every object has its own copy	Objects of a class do not share codes of non-static	None of these	<b>B</b>
24	Which among the following is not true for polymorphism?	It is feature of OOP	Ease in readability of program	Helps in redefining the	Increases overhead of function	<b>D</b>
25	If different properties and functions of a real world entity is grouped or embedded into a single element, what is it called in OOP language?	Inheritance	Polymorphism	Abstraction	Encapsulation	<b>D</b>
26	If same message is passed to objects of several different classes and all of those can respond in a different way, what is this feature called?	Inheritance	Overloading	Polymorphism	Overriding	<b>C</b>
27	Out of the following, which is not a member of the	Static function	Friend function	Const function	Virtual function	<b>B</b>
28	Which of the following is an abstract data type?	int	float	class	string	<b>C</b>
29	Which of the following is not a type of inheritance?	Multiple	Multilevel	Distributive	Hierarchical	<b>C</b>
30	Which of the following is correct in C++?	Classes cannot have protected data members	Structures can have member functions	Class members are public by default	Structure members are private by default	<b>B</b>

### Subjective Questions - Object Oriented Programming using C++ [BCA-209]

31	Define Exceptional Handling.
32	What do you understand by Friend Function?
33	Define the Object Oriented Programming.
34	List any four features of Object Oriented Programming.
35	How OOP differs from Procedural Programming?