

NOIDA INSTITUTE OF ENGINEERING AND TECHNOLOGY, GREATER NOIDA

(An Autonomous Institute)

Affiliated to Dr. A.P.J. Abdul Kalam Technical University, Uttar Pradesh, Lucknow

MCA

FIRST YEAR (SEMESTER-II) THEORY EXAMINATION (2020-2021)

(Objective Type)

Subject Code: AMCA0201

Subject: Object Oriented Programming

Max. Mks. : 70

Time : 70 Minutes

General Instructions:

All questions are compulsory.

Question No- 1 to 15 are objective type question carrying 2 marks each.

Question No- 16 to 35 are also objective type/Glossary based question carrying 2 marks each.

Q.No	Question Content	Question Image	Category	Sub Category	Marks	Options Randomization	Type	Difficulty	Correct	Option1	Option2	Option3	Option4
1	Which feature of OOPS described the reusability of code?		Attempt All Questions	15 x 2= 30	2		Single Choice	Brilliant	Inheritance	Abstraction	Encapsulation	Polymorphism	Inheritance
2	Which among the following feature is not in the general definition of OOPS?		Attempt All Questions	15 x 2= 30	2		Multiple Choice	Brilliant	Duplicate or Redundant Data	Modularity	Efficient Code	Code reusability	Duplicate or Redundant Data
3	Polymorphism types in Java is/are		Attempt All Questions	15 x 2= 30	2		Multiple Choice	Brilliant	Both	Compile time	Run time	Both	None
4	Casting from byte to _____ data type, the result is no loss information.		Attempt All Questions	15 x 2= 30	2		Multiple Choice	Brilliant	all of above	short	int	long	all of above
5	Casting from short to _____ data type, the result is no loss information.		Attempt All Questions	15 x 2= 30	2		Multiple Choice	Brilliant	byte	byte	int	long	double
6	_____ refer to fix value that does not change during the execution of a program.		Attempt All Questions	15 x 2= 30	2		Multiple Choice	Brilliant	constants	variables	constants	identifiers	integer
7	_____ inheritance is not supported by JAVA.		Attempt All Questions	15 x 2= 30	2		Multiple Choice	Smart	Multiple	Multiple	Multi level	Hierarchical	Hybrid
8	_____ is a special method in java that enables an object to initialize itself when it is created		Attempt All Questions	15 x 2= 30	2		Multiple Choice	Brilliant	function Object() { [native code] }	constructor	destructor	static	final
9	_____ keyword is used to inherit a class.		Attempt All Questions	15 x 2= 30	2		Multiple Choice	Brilliant	extends	extend	extends	implement	implements
10	Which of the following declaration of the array contains the error?		Attempt All Questions	15 x 2= 30	2		Multiple Choice	Brilliant	int x[]= int[10];	int x[]= int[10];	int [] y=new int[5];	float d[]={1,2,3};	int a[] = {1, 2, 3; int b[]; b=a;
11	There is a companion class to string called ………………, whose objects contain strings that can be modified after they are created.		Attempt All Questions	15 x 2= 30	2		Multiple Choice	Brilliant	stringBuffer	stringBuffer	stringClass	toString()	stringChar
12	An Array in Java is a collection of elements of _____ data type.		Attempt All Questions	15 x 2= 30	2		Multiple Choice	Brilliant	Same	Same	Different	Static	Dynamic
13	How many stages are used by Java programmers while using JDBC in their programs?		Attempt All Questions	15 x 2= 30	2		Multiple Choice	Brilliant	6	3	2	5	6
14	How many statement objects can be created using a Connection?		Attempt All Questions	15 x 2= 30	2		Multiple Choice	Brilliant	Multiple	2	1	3	Multiple
15	Which of the following is advantage of using JDBC connection pool?		Attempt All Questions	15 x 2= 30	2		Multiple Choice	Brilliant	Better performance	Slow performance	Using more memory	Using less memory	Better performance
16	……………… indicate that something severe enough has gone wrong	Glossary I	Glossary I	2			Single Choice	Brilliant	Checked exceptions	try statement	ODBC	Checked exceptions	errors

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17	All exceptions other than Runtime Exceptions are known as …………………………………………….		Glossary I	Glossary I	2		Single Choice	Brilliant	errors	try statement	ODBC	Checked exceptions	errors
18	The ………………………… allows you to define a block of code to be tested for errors while it is being executed		Glossary I	Glossary I	2		Single Choice	Brilliant	try statement	try statement	ODBC	Checked exceptions	Errors
19	……………………….. is an acronym for Open Database Connectivity.		Glossary I	Glossary I	2		Single Choice	Brilliant	ODBC	try statement	ODBC	Checked exceptions	Errors
20	The user interface classes such as Button, Checkbox and Label are subclasses of………… class		Glossary II	Glossary II	2		Single Choice	Brilliant	utility	exception	multiple inheritance	utility	package
21	A ………………….. is a collection of classes and interfaces.		Glossary II	Glossary II	2		Single Choice	Brilliant	Package	Exception	Multiple Inheritance	Utility	Package
22	An ……………….. is an object that is generated when a run time error occurs.		Glossary II	Glossary II	2		Single Choice	Brilliant	Exception	Exception	Multiple Inheritance	Utility	Package
23	……………….. is not supported by java.		Glossary II	Glossary II	2		Single Choice	Brilliant	Multiple Inheritance	Exception	Multiple Inheritance	Utility	Package
24	…….. is most useful when you are exporting a string value into an environment that does not support 16-bit unicode characters		Glossary III	Glossary III	2		Single Choice	Brilliant	getBytes	multidimensional array	string	getBytes	Dimensional Array
25	……………….. is a linear array that stores elements in a sequential order.		Glossary III	Glossary III	2		Single Choice	Brilliant	Dimensional array	multidimensional array	string	getBytes()	Dimensional array
26	………………….. can be considered as an array of arrays.		Glossary III	Glossary III	2		Single Choice	Smart	multidimensional array	multidimensional array	string	getBytes()	Dimensional array
27	A ….. is essentially a sequence of characters.		Glossary III	Glossary III	2		Single Choice	Brilliant	string	Multidimensional array	string	getBytes()	Dimensional array
28	Every Java application has a …….. method that tells how and in what sequence other methods are used.		Glossary IV	Glossary IV	2		Single Choice	Brilliant	main	white spaces	double	main	class
29	A class in Java starts with the key word …………....		Glossary IV	Glossary IV	2		Single Choice	Brilliant	class	white spaces	double	main	class
30	Blank lines and spaces inserted within a program to enhance readability and clarity are termed as …..... …		Glossary IV	Glossary IV	2		Single Choice	Brilliant	white spaces	white spaces	double	main	class
31	String literal is a sequence of characters enclosed within …………….. quotation marks		Glossary IV	Glossary IV	2		Single Choice	Brilliant	double	white spaces	double	main	class
32	Objects interact and communicate with each other using		Glossary V	Glossary V	2		Single Choice	Brilliant	messages	messages	parameter	Sun Microsystems	polymorphism
33	When two different objects interpret a single message differently and respond differently, it is known as …….....		Glossary V	Glossary V	2		Single Choice	Brilliant	parameter	messages	parameter	Sun Microsystems	polymorphism
34	Additional information passed along with the message is called …….....		Glossary V	Glossary V	2		Single Choice	Brilliant	Polymorphism	messages	parameter	Sun Microsystems	Polymorphism

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35	Java was developed by ...……………………		Glossary V	Glossary V	2		Single Choice	Brilliant	Sun Microsystem	messages	parameter	Sun Microsystem	Polymorphism