

NIELIT Gorakhpur

Course Name: A Level (2nd Sem)

Subject: JAVA

Topic :MCQ Test

Date: 22-05-20

- 1) Which of these operators is used to allocate memory for an object?
(A) malloc (B) alloc (C) new (D) give

- 2) Which one is a valid declaration of a Boolean?
(A) boolean b1 = 1; (B) boolean b2 = 'false'; (C) boolean b3 = false; (D) boolean b4 = 'true'

- 3) A class may be both abstract and final.
(A) true (B) false

- 4) A method in a class declared as static can only access static class members.
(A) true (B) false

- 5) In a method or a constructor, "this" is a reference to the current object.
(A) true (B) false

- 6) Super class of all java classes is _____.

- 7) A class can be declared with the keyword abstract to indicate that it cannot be
(A) inherited (B) Instantiated (C) extended (D) local

- 8) If a class inheriting an abstract class does not define all of its function then it will be known as?
(A) Abstract (B) A simple class (C) Static class (D) None of the mentioned

- 9) Which of these packages contains abstract keyword?
(A) java.lang (B) java.util (C) java.io (D) java.system

- 10) Which of these operators can be used to concatenate two or more String objects?
(A) + (B) += (C) & (D) ||

- 11) Which of these is an incorrect statement?
 - a) String objects are immutable, they cannot be changed
 - b) String object can point to some other reference of String variable
 - c) StringBuffer class is used to store string in a buffer for later use
 - d) None of the mentioned

12) Which of these method of class String is used to extract a single character from a String object?

(A) CHARAT() (B) chatat() (C) charAt() (D) ChatAt()

13) What is the return type of a method that does not return any value?

(A) int (B) float (C) void (D) double

14) Which of the following is a method having same name as that of its class?

(A) finalize (B) delete (C) class (D) constructor

15) The expression (1+2+"3") evaluates to the string "33"

(A) true (B) false

16) Static methods can be invoked without creating an object of the class.

(A) true (B) false

17) Which of these assignments is invalid?

(A) short s = 48;(B) float f = 4.3;(C) double d = 4.3; (D) int I = '1';

18) What type of variable can be defined in an interface?

(A) public static (B) private final (C) public final (D) static final

19) What will happen when you try to compile and run the following program?

```
public class Main {
public static void main(String[] args){
int x=5,y=0;
if(x && y){
System.out.println("true");
}
else{
System.out.println("false");
}
}}
```

20) Which of the following is the correct way of implementing an interface A by class B?

(A) class B extends A {}
(B) class B implements A {}
(C) class B imports A {}
(D) None of the mentioned