

Core Java- Basics Quiz-1

1. Choose the appropriate data type for this value: 5.5

- A. int
- B. double
- C. boolean
- D. String

Answer: B

2. If you want your condition to depend on two conditions BOTH being true, what is the proper notation to put between the two Boolean statements ?

- A. &
- B. &&
- C. |
- D. ||

Answer: B

3. An object could be ...

- A. anything
- B. an algorithm
- C. a data container
- D. a program

Answer: A

4. A UML association is ...

- A. implemented as a Java attribute member
- B. implemented as a Java method
- C. implemented as a sub-class
- D. implemented as a String constructor returning the name of the association target

Answer: D

5. Object-Oriented Programming means ...

- A. Being objective about what you develop
- B. Designing the application based on the objects discovered when analysing the problem
- C. Writing an algorithm before writing your program and having a test plan
- D. Writing a program composed of Java classes

Answer: B

6. If classes Student, Staff and Faculty extend class Person, which one makes sense:

- A. `Faculty[] faculties={new Person(), new Staff(), new Student()};`
- B. `Staff[] staff={new Person(), new Faculty(), new Student()};`
- C. `Person[] persons={new Faculty(), new Staff(), new Student()};`

Answer: C

7. Which of the following means that in order for the conditional to happen, either x must be less than 3 or y must be greater than or equal to 4 ?

- A. `if ((x < 3) && (y > 4))`
- B. `if (x < 3 y >= 4)`
- C. `if ((x < 3) || (y >= 4))`
- D. `if ((x > 3) || (y <= 4))`

Answer: C

8. Choose the best definition of an object

- A. a thing
- B. an instance of a class
- C. something you wear

Answer: A and B

9. Choose the appropriate data type for this field: isSwimmer

- A. double
- B. boolean
- C. String
- D. int

Answer: C

10. Choose the appropriate data type for this value: "1"

- A. String
- B. boolean
- C. int
- D. char

Answer: A

11. What is an assignment statement ?

- A. Adding a number to an int
- B. Assigning a multiplication
- C. Assigning a name to a variable
- D. Assigning a value to a variable

Answer: D

12. Which of the following is not a Java keyword?

- A. import
- B. try
- C. if
- D. string

Answer: C

13. Integer a = new Integer(2); Integer b = new Integer(2); What happens when you do if (a==b)?

- A. Compiler error
- B. Runtime Exception
- C. True
- D. False

Answer: D

14. What is the correct syntax for java main method?

- A. public void main(String[] args)
- B. public static void main(string[] args)
- C. public static void main()
- D. none of the above

Answer: D

15. Java keywords are written in lowercase as well as uppercase.

- A. True
- B. False

Answer: B

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