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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1. What is the output of this program?     https://sapient.learn.com/files/images/connections_10.png   |  |  | | --- | --- | | A. | true | | B. | 0 | | C. | false | | D. | 1 | |
| 2. When can Exceptions occur in a Java code?   |  |  | | --- | --- | | A. | Can Occur Any Time | | B. | None of the options | | C. | Run Time | | D. | Compilation Time | |
| 3. Which methods can access to private attributes of a class?   |  |  | | --- | --- | | A. | Only Static methods of the same class | | B. | Only classes available in the same package | | C. | Only methods those defined in the same class | | D. | Only instances of the same class | |
| 4. A wrapper class is used when you want to treat a primitive like an Object?   |  |  | | --- | --- | | A. | FALSE | | B. | TRUE | |
| 5. If a base class has a method defined as     https://sapient.learn.com/files/images/Final_101_9.png   |  |  | | --- | --- | | A. | 1 | | B. | 1, 2 | | C. | 1, 3 | | D. | 2,3 | | E. | 3,4 | |
| 6. Which of these is used to compare two String objects for their equality?   |  |  | | --- | --- | | A. | isEquals() method of Class String | | B. | == operator | | C. | = operator | | D. | equals() method of Class String | |
| 7. Which of these keywords can be used to prevent inheritance of a class?   |  |  | | --- | --- | | A. | constant | | B. | Class | | C. | super | | D. | final | |
| 8. Suppose the class Sub extends the class Sandwich.     https://sapient.learn.com/files/images/connections9.png   |  |  | | --- | --- | | A. | 1, 4 | | B. | 1, 3 | | C. | 2, 3 | | D. | 1, 2 | |
| 9. Local variables have the default values if they are not initialized   |  |  | | --- | --- | | A. | True | | B. | False | |
| 10. Which of the following access specifiers must be used for class so that it can be inherited by sub classes?   |  |  | | --- | --- | | A. | None of the options | | B. | private | | C. | both public & private | | D. | public | |
| 11. Which of the following clauses will be executed even if no exceptions are found?   |  |  | | --- | --- | | A. | finally | | B. | throws | | C. | catch | | D. | throw | |
| 12. How many objects of string will be created in the following:     https://sapient.learn.com/files/images/connections6.png   |  |  | | --- | --- | | A. | 2 | | B. | 1 | | C. | 0 | | D. | 3 | |
| 13. You are writing a program that reads student records from a database table. You need to store the student details in a data structure in memory in the order that they are read from the database table. Which data structure in the Java library would be the most suitable and efficient as well?   |  |  | | --- | --- | | A. | TreeSet | | B. | LinkedList | | C. | HashMap | | D. | HashSet | | E. | ArrayList | |
| 14. You have developed a class to save the employee basic profile details, such as employeeId, date of birth, date of joining. Now you do not want the instance variables to be ever modified once set. How can you achieve the same?   1.Declare the setter methods as final and static methods 2.Declare the setter methods as private methods 3.Make all fields as private and final  4.Make all fields as private    |  |  | | --- | --- | | A. | 1,3 | | B. | 1,4 | | C. | 1,3 | | D. | 2,3 | |
| 15. You have developed a class Student and implemented the hashCode method to return 1 always. Now, you are trying to add Student objects to a hashset. Will the hashset work correctly?   |  |  | | --- | --- | | A. | No | | B. | Yes | |
| 16. Consider the following code. What is the content of names after the following statements?     https://sapient.learn.com/files/images/con14.png   |  |  | | --- | --- | | A. | B,C | | B. | B,A,C | | C. | A,B,C | | D. | A,C | |
| 17. Which of these can be overloaded?   |  |  | | --- | --- | | A. | Both methods & constructors | | B. | Constructors | | C. | None of the options | | D. | Methods | |
| 18. What is the output of this program?    https://sapient.learn.com/files/images/connections11.png   |  |  | | --- | --- | | A. | None of the options | | B. | one | | C. | one two | | D. | two | |
| 19. What is the return type of a method that does not return any value?   |  |  | | --- | --- | | A. | void | | B. | double | | C. | float | | D. | int | |
| 20. Consider the following program:    https://sapient.learn.com/files/images/connections4.png   |  |  | | --- | --- | | A. | Compiler error | | B. | true | | C. | Runtime exception | | D. | false | |