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Core Java MCQ Questions and Answers

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Q1. Java was originally developed by -

- A. Brendan Eich
- **B. James Gosling**
- C. Tim Berners-Lee
- D. Guido van Rossum

Q2. Which of the following function is used to find and fix bugs in the Java programs ?

- A. JVM
- B. JDK
- C. JRE
- **D. JDB**

Q3. _____ is the return type of the hashCode() method in the Object class?

- **A. int**
- B. Object
- C. void
- D. long

Q4. Which of the following option is a valid long literal?

- A. L990023
- **B. ABH8097**

- C. 904423
- **D. 0xnf029L**

Q5. A single read/write operation performs _____ In character stream I/O.

- A. Eight bytes read/write at a time
- **B. Two bytes read/write at a time**
- C. One byte read/write at a time
- D. Five bytes read/ write at a time

Q6. _____ is the order of variables in Enum?

- A. Descending order
- **B. Ascending order**
- C. Random order
- D. Depends on the order

Q7. Which of the following method returns the elements of Enum class?

- A. getEnumList()
- B. getEnum()
- **C. getEnumConstants()**
- D. getEnums()

Q8. Which of the following is the limitation of toString() method of BigDecimal?

- A. toString returns null
- **B. toString uses scientific notation**
- C. toString returns the number in expanded form
- D. None of the above

Q9. BigDecimal is a part of _____ package?

- **A. java.math**
- B. java.lang
- C. java.util
- D. java.io

Q10. The LocalTime represents -

- **A. Time without Date**
- B. Date without time
- C. Date and Time
- D. Date and Time with timezone

Q11. How to get UTC time using Java ?

- A. Date.getUTC();
- B. Time.getUTC();
- **C. Instant.now();**
- D. TimeZone.getUTC();

Q12. Literals in java must be appended by -

- A. D
- B. I
- C. L
- **D. L & I**

Q13. Which of the following is Truncation is Java?

- A. Integer value assigned to floating type
- B. Integer value assigned to floating type
- **C. Floating-point value assigned to an integer type**
- D. Floating-point value assigned to an Floating type

Q14. Arrays are _____ in Java?

- A. primitive data type
- **B. objects**
- C. object references
- D. None of These

Q15. _____ legally declare, construct and initialize an array

- A. `int [] myList = (5, 8, 2);`
- **B. `int myList [] = {4, 3, 7};`**
- C. `int myList [] [] = {4,9,7,0};`
- D. None of These

Q16. When you passed an array to a method, the method receives -

- A. A copy of the array
- B. The length of the array
- C. A copy of the first element
- **D. The reference of the array**

Q17. An attempt to add null key to a TreeMap will result in

- **A. Runtime - NullPointerException**
- B. Compile time Exception
- C. Error
- D. None of These

Q18. Which of the following keywords is used to define packages in Java?

- A. Pkg
- B. pkg
- **C. package**
- D. Package

Q19. _____ is the correct way of importing an entire package 'pkg'.

- A. `Import pkg.`
- B. `import pkg.`
- C. `Import pkg.*`
- **D. `import pkg.*`**

Q20. Which of the following method of class String is used to obtain length of String object?

- A. `lengthof()`
- B. `Sizeof()`

- **C. length()**
- D. lengthof()

Q21. What is the range of short data type in Java?

- A. -128 to 127
- **B. -32768 to 32767**
- C. -2147483648 to 2147483647
- D. None of the Above

Q22. Which data type value is returned by all transcendental math functions?

- A. int
- B. float
- C. long
- **D. double**

Q23. Which of these coding types is used for data type characters in Java?

- A. ASCII
- **B. UNICODE**
- C. ISO-LATIN-1
- D. All of the Above

Q24. Which one is a valid declaration of a boolean?

- A. boolean b1 = 1;
- B. boolean b4 = 'true'
- **C. boolean b3 = false;**
- D. boolean b2 = 'false';

Q25. Which of the following method returns the elements of Enum class?

- A. getEnum()
- B. getEnums()
- C. getEnumList()
- **D. getEnumConstants()**

Q26. BigDecimal is a part of package.

- A. java.io
- B. java.util
- **C. java.math**
- D. java.lang

Q27. How to format date from one form to another?

- A. DateFormat
- B. DateConverter
- C. SimpleFormat
- **D. SimpleDateFormat**

Q28. Which of these is long data type literal?

- **A. 0x99fffL**
- B. 0x99ffa
- C. AbcDefG
- D. None of the above

Q29. Which of these is an incorrect array declaration?

- A. `int arr[] = new int[5]`
- B. `int arr[] = new int[5]`
- **C. `int arr[] = int [5] new`**
- D. None of above

Q30. Modulus operator, %, can be applied to which of these?

- A. Integers
- B. Floating – point numbers
- **C. Both Integers and floating – point numbers**
- D. None of the above

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