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| **1.** | How to find out system bit size? |
| |  | | --- | | A.  by using note pad |  |  | | --- | | B.  by using int variable |  |  | | --- | | C.  by right clicking on browser and then going to properties |  |  | | --- | | D.  by right clicking on computer and then going to properties | | |
| **2.** | Which software will be automatically available while installing JDK? |
| |  | | --- | | A.  Eclipse |  |  | | --- | | B.  source code |  |  | | --- | | C.  public JRE |  |  | | --- | | D.  none of the above | | |

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| **3.** | which env variable is required to specify commands location? |
| |  | | --- | | A.  echo |  |  | | --- | | B.  path |  |  | | --- | | C.  classpath |  |  | | --- | | D.  set | | |
| **4.** | which command is used to set env variable in the command prompt? |
| |  | | --- | | A.  echo |  |  | | --- | | B.  path |  |  | | --- | | C.  classpath |  |  | | --- | | D.  set | | |

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| **5.** | which command is used to read env variable in the command prompt? |
| |  | | --- | | A.  echo |  |  | | --- | | B.  path |  |  | | --- | | C.  classpath |  |  | | --- | | D.  set | | |
| **6.** | How many ways are there to set path env variable? |
| |  | | --- | | A.  1 |  |  | | --- | | B.  2 |  |  | | --- | | C.  3 |  |  | | --- | | D.  0 | | |

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| **7.** | which way of setting a path will be local to the current command prompt? |
| |  | | --- | | A.  through set command |  |  | | --- | | B.  in my computer under user level |  |  | | --- | | C.  in my computer under system level |  |  | | --- | | D.  none of the above | | |
| **8.** | which way of setting a path will be to the current user and all of his every session? |
| |  | | --- | | A.  through set command |  |  | | --- | | B.  in my computer under user level |  |  | | --- | | C.  in my computer under system level |  |  | | --- | | D.  none of the above | | |

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| **9.** | which way of setting a path will be to every user? | |
| |  | | --- | | A.  through set command |  |  | | --- | | B.  in my computer under user level |  |  | | --- | | C.  in my computer under system level |  |  | | --- | | D.  none of the above | | | |
| **10.** | | which way of setting a path will be most preferable? |
| |  | | --- | | A.  through set command |  |  | | --- | | B.  in my computer under user level |  |  | | --- | | C.  in my computer under system level |  |  | | --- | | D.  none of the above | | | |

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| **11.** | how to know the version of JDK? |
| |  | | --- | | A.  javac -version |  |  | | --- | | B.  javac version |  |  | | --- | | C.  JDK -version |  |  | | --- | | D.  JDK version | | |
| **12.** | which folder of JDK contains the commands? |
| |  | | --- | | A.  bin |  |  | | --- | | B.  lib |  |  | | --- | | C.  cmd |  |  | | --- | | D.  javac | | |

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| **13.** | which command is used to compile java program? |
| |  | | --- | | A.  java |  |  | | --- | | B.  javac |  |  | | --- | | C.  compile |  |  | | --- | | D.  java\_c | | |
| **14.** | which command is used to run java program? |
| |  | | --- | | A.  java |  |  | | --- | | B.  javac |  |  | | --- | | C.  compile |  |  | | --- | | D.  java\_c | | |

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| **15.** | what is the file extention to java program? |
| |  | | --- | | A.  java |  |  | | --- | | B.  javac |  |  | | --- | | C.  compile |  |  | | --- | | D.  txt | | |
| **16.** | Which type of file will be developing by javac command? |
| |  | | --- | | A.  java |  |  | | --- | | B.  class |  |  | | --- | | C.  compile |  |  | | --- | | D.  txt | | |

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| **17.** | Which type of file will be using by java command to run? |
| |  | | --- | | A.  java |  |  | | --- | | B.  class |  |  | | --- | | C.  compile |  |  | | --- | | D.  txt | | |
| **18.** | From which location we have to trigger javac command? |
| |  | | --- | | A.  from the place where java file is saved |  |  | | --- | | B.  from the place where class file is generated |  |  | | --- | | C.  from the place where javac command availbe |  |  | | --- | | D.  from the place where java command availbe | | |

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| **19.** | From which location we have to trigger java command? |
| |  | | --- | | A.  from the place where java file is saved |  |  | | --- | | B.  from the place where class file is generated |  |  | | --- | | C.  from the place where javac command available |  |  | | --- | | D.  from the place where java command available | | |
| **20.** | what is the order of the commands to be triggered? |
| |  | | --- | | A.  first javac and then java |  |  | | --- | | B.  first java and then javac | | |

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| **21.** | Which option of javac command is used to specify different location for class files? |
| |  | | --- | | A.  -d |  |  | | --- | | B.  -cp | | |
| **22.** | Which option of java command is used to specify class files location? |
| |  | | --- | | A.  -d |  |  | | --- | | B.  -cp | | |

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| **23.** | Which option of java command is used to find out version of JDK? |
| |  | | --- | | A.  -version |  |  | | --- | | B.  -java |  |  | | --- | | C.  -JDK | | |
| **24.** | Which option of java command is used to find out all options and their description? |
| |  | | --- | | A.  -all |  |  | | --- | | B.  -help |  |  | | --- | | C.  -total | | |

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| **25.** | Which command is used to change the current directory in the command prompt? |
| |  | | --- | | A.  cd |  |  | | --- | | B.  change |  |  | | --- | | C.  -move | | |
| **26.** | Which command is used to move to parent of the current directory? |
| |  | | --- | | A.  cd parent |  |  | | --- | | B.  cd .. |  |  | | --- | | C.  cd mv | | |

Question 27: Who is often referred to as the father of the Java programming language?

a) Bill Gates

b) Steve Jobs

c) James Gosling

d) Linus Torvalds

Answer: c) James Gosling

Question 28: In which year was the Java programming language first introduced to the public?

a) 1991

b) 1995

c) 2000

d) 2005

Answer: b) 1995

Question 29: Java was originally developed by Sun Microsystems. Which company acquired Sun Microsystems and thus became the steward of Java?

a) IBM

b) Microsoft

c) Google

d) Oracle

Answer: d) Oracle

Question 30: Which of the following was the primary motivation behind the creation of Java programming language?

a) To compete with C++ in systems programming

b) To create a language specifically for web development

c) To develop a language for artificial intelligence research

d) To create a platform-independent language for consumer electronics

Answer: d) To create a platform-independent language for consumer electronics

Question 31: Java's slogan "Write Once, Run Anywhere" (WORA) refers to which concept?

a) The ability to write code once and run it on any operating system

b) The ability to write code once and run it on any browser

c) The ability to write code once and run it on any programming language

d) The ability to write code once and run it on any hardware architecture

Answer: a) The ability to write code once and run it on any operating system

Question 32: Which virtual machine technology is used to execute Java bytecode?

a) JVM (Java Virtual Machine)

b) VMM (Virtual Machine Manager)

c) VPS (Virtual Private Server)

d) JRE (Java Runtime Environment)

Answer: a) JVM (Java Virtual Machine)

Question 33: What was the original name of the Java programming language before it was renamed to Java?

a) Oak

b) Birch

c) Maple

d) Pine

Answer: a) Oak

Question 34: What was the original name of the Java programming language before it was renamed to Java?

a) Oak

b) Birch

c) Maple

d) Pine

Answer: a) Oak

Question 35: When was the first version of Java released?

* A. 1991
* B. 1995
* C. 1997
* D. 2000

Answer: The answer is (B). The first version of Java was released in 1995.

Question 36: What was Java originally designed for?

* A. Embedded systems
* B. Web applications
* C. Mobile applications
* D. Desktop applications

Answer: (A) The original purpose of the Java programming language was to create embedded systems. However, it quickly became popular for developing web applications.

Question 37: What company acquired Sun Microsystems in 2010?

* A. Microsoft
* B. Google
* C. Oracle
* D. IBM

Answer: The answer is (C). Oracle acquired Sun Microsystems in 2010.

Question 38: What is the name of the Java Virtual Machine (JVM) that is used in web browsers?

* A. HotSpot
* B. JRE
* C. JDK
* D. JWS

Answer: The answer is (D). The Java Web Start (JWS) is the Java Virtual Machine (JVM) that is used in web browsers

Question 39: What company acquired Sun Microsystems in 2010?

* A. Microsoft
* B. Google
* C. Oracle
* D. IBM

Answer: The answer is (C). Oracle acquired Sun Microsystems in 2010.

Question 40: What is the name of the Java Virtual Machine (JVM) that is used in web browsers?

* A. HotSpot
* B. JRE
* C. JDK
* D. JWS

Answer: The answer is (D). The Java Web Start (JWS) is the Java Virtual Machine (JVM) that is used in web browsers.

Question 41: What is the name of the Java development environment (IDE) that is developed by Oracle?

* A. Eclipse
* B. NetBeans
* C. IntelliJ IDEA
* D. Visual Studio Code

Answer: The answer is (C). IntelliJ IDEA is the Java development environment (IDE) that is developed by JetBrains.

Question 42: What is the name of the Java development environment (IDE) that is open source and free to use?

* A. Eclipse
* B. NetBeans
* C. IntelliJ IDEA
* D. Visual Studio Code

Answer: The answer is (A). Eclipse is the Java development environment (IDE) that is open source and free to use.

Question 43: What is the name of the Java compiler that is included in the Java Development Kit (JDK)?

* A. javac
* B. java
* C. jvm
* D. jre

Answer: The answer is (A). javac is the Java compiler that is included in the Java Development Kit (JDK).

Question 44: What is the name of the Java bytecode verifier that is used to verify the bytecode of Java programs before they are executed?

* A. javac
* B. java
* C. jvm
* D. jvm.verify

Answer: The answer is (C). The Java Virtual Machine (JVM) is responsible for verifying the bytecode of Java programs before they are executed.