

1. Java Virtual Machine is a software-based _____.

Ans. b) engine

2. A JVM loads a Java _____ file.

Ans. c) class

3. A JVM has _____ fundamental subsections.

Ans. d) 3

4. What type of .class files can a ClassLoader subsystem initialize?

Ans. b) compiled

5. From where does the Extension ClassLoader load files?

Ans. a) ext folder

6. The ClassLoader Subsystem linking section is responsible for verifying _____.

Ans. c) bytecode

7. What does the method area of the Runtime Data Area store?

Ans. a) class-level data

8. The Operand stack is a _____.

Ans. d) runtime

9. The JIT of JIT compiler stands for _____.

Ans. b) Just in Time

10. Javac is a _____.

Ans. d) None of the above

11. IDE stands for integrated _____ Environment.

Ans. c) Development

12. The features of a Java IDE application can be accessed through a graphical _____ interface.

Ans. c) user

13. Two of the most popular Java IDEs are Eclipse and _____.

Ans. a) NetBeans

14. Can a 32-bit macOS system run Eclipse?

Ans. a) Yes

15. Code completion _____ code writing effort.

Ans. c) reduces

16. What is the license of programs created by Eclipse IDE?

Ans. d) Eclipse Public License

17. Which of these programming languages have a similar syntax to Java?

Ans. d) a and b

18. New Java syntax is introduced with newer versions of Java _____ Kits.

Ans. b) Development

19. In Java syntax, values are _____.

Ans. a) objects

20. A Java program file name has to match a _____ name.

Ans. b) class

21. What are Java keywords also known as?

Ans. b) Reserved words

22. The total number of Java keywords is ____.

Ans. a) 50

23. Byte is a data type that can hold ____ bit data values.

Ans. b) 8

24. Else is used for denoting alternative branches of an ____ statement.

Ans. c) if

25. Short is a data type that holds a ____ bit integer.

Ans. b) 16

26. The throw keyword is used for creating a programming ____.

Ans. c) exception

27. Transient defines that a variable is not a part of an object's ____ state.

Ans. a) persistent

28. Void specifies the absence of a ____ value in a method.

Ans. b) return

29. What type of value does Primitive data have?

Ans. a) single

30. Boolean is a ____ data type.

Ans. d) primitive