**Spring Framework Objective Questions**

1. What is the meaning of the return data type void?

A. An empty memory space is returned so that the developers can utilize it.

B. void returns no data type.

C. void is not supported in Java

D. None of the above

Ans: B

2. A lower precision can be assigned to a higher precision value in JavA. For example a byte type data can be assigned to int type.

A. True

B. False

Ans : B

3. Which of the following statements about the Java language is true?

A. Both procedural and OOP are supported in JavA.

B. Java supports only procedural approach towards programming.

C. Java supports only OOP approach.

D. None of the above.

Ans: A

4. Which of the following statements is false about objects?

A. An instance of a class is an object

B. Objects can access both static and instance data

C. Object is the super class of all other classes

D. Objects do not permit encapsulation

Ans: D

5. Which methods can access to private attributes of a class?

A. Only Static methods of the same class

B. Only instances of the same class

C. Only methods those defined in the same class

D. Only classes available in the same package.

Ans: C

6. What is an aggregate object?

A. An object with only primitive attributes

B. An instance of a class which has only static methods

C. An instance which has other objects

D. None of the above

Ans: C

7. Assume that File is an abstract class and has toFile() methoD. ImageFile and BinaryFile are concrete classes of the abstract class File.

Also, assume that the method toFile() is implemented in both Binary File and Image File. A File references an ImageFile object in memory and the toFile method is called, which implementation method will be called?

A. Binary File

B. Image File

C. Both File and Binary Files

D. None of the above

Ans: B

8. A class can have many methods with the same name as long as the number of parameters or type of parameters is different. This OOP concept is known as

A. Method Invocating

B. Method Overriding

C. Method Labeling

D. Method Overloading

Ans: D

9. Which of the following is considered as a blue print that defines the variables and methods common to all of its objects of a specific kind?

A. Object

B. Class

C. Method

D. Real data types

Ans: B

10. What are the two parts of a value of type double?

A. Significant Digits, Exponent

B. Length, Denominator

C. Mode, Numerator

Ans: A

11. After the following code fragment, what is the value in fname?

String str;

int fname;

str = "Foolish boy.";

fname = str.indexOf("fool");

A. 0

B. 2

C. -1

D. 4

Ans: C

12. What is the value of number after the following code fragment execution?

int number = 0;

int number2 = 12

while (number < number2)

{

number = number + 1;

}

A. 5

B. 12

C. 21

D. 13

Ans: B

13. Given the following code snippet;

int salaries[;

int index = 0;

salaries = new int salaries[4;

while (index < 4)

{

salaries[index = 10000;

index++;

}

What is the value of salaries [3?

A. 40000

B. 50000

C. 15000

D. 10000

Ans: D

14. Which of the following is not a return type?

A. boolean

B. void

C. public

D. Button

Ans: C

15. If result = 2 + 3 \* 5, what is the value and type of result variable?

A. 17, byte

B. 25, byte

C. 17, int

D. 25, int

Ans: C

16. What is the data type for the number 9.6352?

A. float

B. double

C. Float

D. Double

Ans: B

17. Assume that the value 3929.92 is of type float. How to assign this value after declaring the variable interest of type float?

A. interest = 3929.92

B. interest = (Float)3929.92

C. interest = 3929.92 (float)

D. interest = 3929.92f

Ans: D

18. Which of the following statements is true?

A. The default char data type is a space( ) character.

B. The default integer data type is int and real data type is float

C. The default integer data type is long and real data type is float

D. The default integer data type is int and real data type is double

Ans: D

19. How many numeric data types are supported in Java?

A. 8

B. 4

C. 2

D. 6

Ans: D

20. Which of the following statements declare class Sample to belong to the payroll.admindept package?

A. package payroll;package admindept;

B. import payroll.\*;

C. package payroll.admindept.Sample;

D. import payroll.admindept.\*;

E. package payroll.admindept;

Ans: E

21. The class javA.lang.Exception is

A. protected

B. extends Throwable

C. implements Throwable

D. serializable

Ans: B

22. Which of the following statements is true?

A. An exception can be thrown by throw keyword explicitly.

B. An exception can be thrown by throws keyword explicitly.

Ans: A

23. All the wrapper classes (Integer, Boolean, Float, Short, Long, Double and Character) in java

A. are private

B. are serializable

C. are immutatable

D. are final

Ans: D

24. The code snippet

if( "Welcome".trim() == "Welcome".trim() )

System.out.println("Equal");

else

System.out.println("Not Equal");

will

A. compile and display Equal

B. compile and display Not Equal

C. cause a compiler error

D. compile and display NULL

Ans: C

25. Consider the following code snippet. What will be assigned to the variable fourthChar, if the code is executed?

String str = new String( Java );

char fourthChar = str.charAt(4);

A. a

B. v

C. throws StringIndexOutofBoundsException

D. null character

Ans: C

26. Which of the following statements is preferred to create a string "Welcome to Java Programming"?

A. String str = Welcome to Java Programming

B. String str = new String( Welcome to Java Programming )

C. String str; str = Welcome to Java Programming

D. String str; str = new String ( Welcome to Java Programming )

Ans: A

27. Which of the following statements is true?

A. A super class is a sub set of a sub class

B. class ClassTwo extends ClassOne means ClassOne is a subclass

C. class ClassTwo extends ClassOne means ClassTow is a super class

D. the class Class is the super class of all other classes in JavA.

Ans: A

28. What kind of thread is the Garbage collector thread is?

A. Non daemon thread

B. Daemon thread

C. Thread with dead state

D. None of the above

Ans: B

29. When a thread terminates its processing, into what state that thread enters?

A. Running state

B. Waiting state

C. Dead state

D. Beginning state

Ans: C

30. Which statement is true?

A. HashTable is a sub class of Dictionary

B. ArrayList is a sub class of Vector

C. LinkedList is a subclass of ArrayList

D. Vector is a subclass of Stack

Ans: A

31. Which of these statements is true?

A. LinkedList extends List

B. AbstractSet extends Set

C. HashSet extends AbstractSet

D. WeakHashMap extends HashMap

Ans: C

32. Which of the following is synchronized?

A. Set

B. LinkedList

C. Vector

D. WeakHashMap

Ans: C

33. Select all the true statements from the following.

A. AbstractSet extends AbstractCollection

B. AbstractList extends AbstractCollection

C. HashSet extends AbstractSet

D. Vector extends AbstractList

E. All of the above

Ans: E

34. Which of the methods should be implemented if any class implements the Runnable interface?

A. start()

B. run()

C. wait()

D. notify() and notifyAll()

Ans: B

35. A thread which has invoked wait() method of an object, still owns the lock of the object. Is this statement true or false?

A. True

B. False

Ans: B

36. Which of the following is not a method of the Thread class.

A. public void run()

B. public void start()

C. public void exit()

D. public final int getPriority()

Ans: C

37. To execute the threads one after another

A. the keyword synchronize is used

B. the keyword synchronizable is used

C. the keyword synchronized is used

D. None of the above

Ans: B

38. The object of DataInputStream is used to

A. To covert binary stream into character stream

B. To covert character stream into binary stream

C. To write data onto output object

D. All of the above

Ans: A

39. DataInputStream is an example of

A. Output stream

B. I/O stream

C. Filtered stream

D. File stream

Ans: C

40. From a MVC perspective, Struts provides the

A. Model

B. View

C. Controller

Ans: B

41.Consider the following program:

import myLibrary.\*;

public class ShowSomeClass

{

// code for the class...

}

What is the name of the java file containing this program?

A. myLibrary.java

B. ShowSomeClass.java

C. ShowSomeClass

D. ShowSomeClass.class

E. Any file name with the java suffix will do

Ans: B

42.Which of the following is TRUE?

A. In java, an instance field declared public generates a compilation error.

B. int is the name of a class available in the package javA.lang

C. Instance variable names may only contain letters and digits.

D. A class has always a constructor (possibly automatically supplied by the java compiler).

E. The more comments in a program, the faster the program runs.

Ans: D

43.Consider the following code snippet

String river = new String( Columbia );

System.out.println(river.length());

What is printed?

A. 6

B. 7

C. 8

D. Columbia

E. river

Ans: C

44. A constructor

A. must have the same name as the class it is declared within.

B. is used to create objects.

C. may be declared private

D. A and B

E. A, B and C

Ans: E

45.Which of the following may be part of a class definition?

A. instance variables

B. instance methods

C. constructors

D. all of the above

E. none of the above

Ans: D

46.What is different between a Java applet and a Java application?

A. An application can in general be trusted whereas an applet can't.

B. An applet must be executed in a browser environment.

C. An applet is not able to access the files of the computer it runs on

D. (A), (B) and (C).

E. None of the above

Ans: D

47.Consider

public class MyClass{

public MyClass(){/\*code\*/}

// more code...

}

To instantiate MyClass, you would write?

A. MyClass mc = new MyClass();

B. MyClass mc = MyClass();

C. MyClass mc = MyClass;

D. MyClass mc = new MyClass;

E. It can't be done. The constructor of MyClass should be defined as public void MyClass(){/\*code\*/}

Ans: A

48.What is byte code in the context of Java?

A. The type of code generated by a Java compiler

B. The type of code generated by a Java Virtual Machine

C. It is another name for a Java source file

D. It is the code written within the instance methods of a class.

E. It is another name for comments written within a program.

Ans: A

49.What is garbage collection in the context of Java?

A. The operating system periodically deletes all of the java files available on the system.

B. Any package imported in a program and not used is automatically deleteD.

C. When all references to an object are gone, the memory used by the object is automatically reclaimeD.

D. The JVM checks the output of any Java program and deletes anything that doesn't make sense.

E. Janitors working for Sun MicroSystems are required to throw away any Microsoft documentation found in the employees' offices.

Ans: c

50.You read the following statement in a Java program that compiles and executes.

submarine.dive(depth);

What can you say for sure?

A. depth must be an int

B. dive must be a methoD.(ans)

C. dive must be the name of an instance fielD.

D. submarine must be the name of a class

E. submarine must be a methoD.

Ans: B

51. Formed on a diskette (or hard drive) during initialization.

A. source code

B. images

C. sectors

D. storage units

Ans: C

52. The CPU consists of:

A. Control Unit, Temporary Memory, Output

B. Control Unit, Arithmetic Logic Unit, Temporary Memory

C. Input, Process, Storage, Output

D. Input, Control Unit, Arithmetic Logic Unit, Output

Ans: B

53. OOP stands for:

A. Observable Object Programming

B. Object Observed Procedures

C. Object Oriented Programming

D. Object Overloading Practices

Ans: C

54. Output printed on paper.

A. softcopy

B. hardcopy

C. source code

D. software

Ans: B

55. A binary digit (1 or 0) signifying "on" or "off".

A. bit

B. byte

C. megabyte

D. gigabyte

Ans: A

56. Our decimal number 44, when represented in binary, is:

A. 101100

B. 101010

C. 111000

D. 10100

Ans: A

57. Byte code is the machine language for a hypothetical computer called the:

A. Java Byte Code Compiler

B. Java Byte Code Interpreter

C. Java Virtual Machine

D. Java Memory Machine

Ans: C

58. Equals 8 bits.

A. megabyte

B. gigabyte

C. sector

D. byte

Ans: D

59. Java allows for three forms of commenting:

A. // single line, \*\* block lines, /\*/ documentation

B. // single line, /\*...\*/ block lines, /\*\*...\*/ documentation

C. / single line, /\* block lines, \*\* documentation

D. // single line, //...// block lines, //\*...\*// documentation

Ans: B

60. To prepare a diskette (or hard drive) to receive information.

A. format

B. track

C. interpret

D. boot

Ans: A

61. In Java, the name of the class must be the same as the name of the .java file.

A. false

B. true - but case sensitivity does not apply

C. true - but additional numbers may be added to the name

D. true

Ans: D

62. The name Java was derived from

A. a cup of coffee

B. an acronym for JBuilder Activated Variable Assembly

C. an acronym for Juxtapositioned Activated Variable Actions

D. an acronym for John's Answer for Various Accounts

Ans: A

63. Programs that tell a computer what to do.

A. harware

B. software

C. hard copy

D. projects

Ans: B

64. RAM stands for \_\_\_\_\_\_\_\_\_.

A. Read Anytime Memory

B. Read Allocated Memory

C. Random Access Memory

D. Random Allocated Memory

Ans: C

65. Several computers linked to a server to share programs and storage space.

A. library

B. grouping

C. network

D. integrated system

Ans: C

66. Source code in Java will not run if it is not indenteD.

A. true

B. false

Ans: B

67. When working in Java with JBuilder, each program you write should be assigned to a new project.

A. true

B. false

Ans: A

68. The four equipment functions of a computer system.

A. Input, Process, Control Unit, Output

B. Input, Control Unit, Arithmetic Logic Unit, Output

C. Input, Process, Storage, Output

D. Input, Process, Library Linking, Output

Ans: C

69. Translates and executes a program line by line.

A. compiler

B. interpreter

C. linker

D. control unit

Ans: B

70. The physical components of a computer system.

A. control unit

B. hardware

C. software

D. ALU

Ans: B

71. How to use <ref> in spring framework?

a. <ref> is used with bean id.

b. <ref> is used with string values.

Correct Answer : a. <ref> is used with bean id.

72. How to define Inner bean in spring?

a. Use <property/> only

b. Use <property/> or <constructor-arg/>.

Correct Answer: b. Use <property/> or <constructor-arg/>.

73. Which property is replaced by p-namespace in spring?

a. <property/>

b. <constructor-arg>

Correct Answer: a. <property/>

74. Which property is replaced by c-namespace in spring?

a. <property/>

b. <constructor-arg>

Correct Answer: b. <constructor-arg>

75. What is the scope of a bean by default in spring?

a. Prototype scope

b. Singleton scope

Correct Answer: b. Singleton scope

76. By default a bean is eagerly initialized in spring?

a. True

b. False

Correct Answer: a. True

77. By default a bean is not autowired?

a. True

b. False

Correct Answer: b. False

78. What is the role of ApplicationContextAware in spring?

a. Dependency injection is performed.

b. Makes a bean aware to the container.

Correct Answer: b. Makes a bean aware to the container.

79. Can the class which spring container makes subclass be final?

a. No

b. Yes

CorrectAnswer: a. No

80. What is the scope of stateless bean in spring?

a. Singleton scope

b. Prototype scope

Correct Answer: a. Singleton scope

81. Which is correct for Spring Framework?

a. Spring framework is light-weight solution.

b. Spring framework is heavy-weight solution.

Correct Answer : a. Spring framework is light-weight solution.

82. AOP is the part of Core Container in Spring Framework.

a. True

b. False

Correct Answer: b. False

83. Expression Language is the part of Core Container in Spring Framework.

a. True

b. False

Correct Answer: a. True

84. Which is the part of Data Access layer in Spring Framework?

a. Aspects

b. JMS

Correct Answer:b. JMS

85. Can we integrate spring with struts?

a. Yes

b. No

Correct Answer: a. Yes

86. How to get the object of DAO in spring framework?

a. Using new keyword

b. Using Spring Dependency injection

Correct Answer: b. Using Spring Dependency injection

87. In which spring version, java 5 features has been introduced?

a. Spring 2.5

b. Spring 3.0

Correct Answer:b. Spring 3.0

88. In which spring version has Spring Expression Language been supported?

a. Spring 2.5

b. Spring 3.0

Correct Answer: b. Spring 3.0

89. Which class represents the IoC container?

a. ApplicationContext

b. ServletContext

CorrectAnswer:a. ApplicationContext

90. How to use idref in spring framework?

a. With setter method only

b. With setter method and constructor argument both

Correct Answer: b. With setter method and constructor argument both

91. What is the scope of statefull bean in spring?

a. Singleton scope

b. Prototype scope

Correct Answer : b. Prototype scope

92. In which spring scope is a single bean instance created per IoC container?

a. Singleton scope

b. Request scope

Correct Answer: a. Singleton scope

93. In which spring scope can any number of instances of bean be created?

a. Request scope

b. Prototype scope

Correct Answer: b. Prototype scope

94. When a bean has scope limited to only HTTP request, that is called

a. Request scope

b. Session scope

Correct Answer: a. Request scope

95. When a bean has scope limited to HTTP session, that is called

a. Request scope

b. Session scope

Correct Answer: b. Session scope

96. Thread scope bean has been introduced in spring from the version

a. Spring 2.5

b. Spring 3.0

Correct Answer: b. Spring 3.0

97. Which bean scope is used in portlet context in spring?

a. Session scope

b. Global session scope

Correct Answer: b. Global session scope

98. InitializingBean and DisposableBean is used to customize the nature of bean in spring.

a. Yes

b. No

Correct Answer: a. Yes

99. How to control a bean lifecycle in spring?

a. Using init() method only.

b. Using InitializingBean and DisposableBean or init() method.

CorrectAnswer: b. Using InitializingBean and DisposableBean or init() method.

100. How to shutdown the Spring IoC container gracefully in non-web applications?

a. Using shutdownNow()

b. registerShutdownHook()

Correct Answer: b. registerShutdownHook()