**MCQ**

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***Time: 30 Mins Marks: 30***

**1. Which among these is not an applications server provided by Spring Boot?**

1. Embedded Tomcat
2. Jetty
3. Undertow
4. Binary link

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Ans: D. Binary link

Reason :Binary link is not an application server provided by Spring Boot.

**2. Static variables in java are declared as?**

1. final variables
2. new variables
3. Constants
4. All of these

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Ans **: A.** final variables

**3. Which of these is not true of Spring Boot?**

1. No code generation
2. No requirement for XML configuration
3. No starter POMs
4. No need for WAR files

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**Ans:** C**.** No starter POMs

**4.What are some technologies commonly used to implement microservices?**

1. Docker
2. Kubernetes
3. Both A & B
4. None of the above

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**Ans: C.** Both A & B

**5.** **The correct syntax to import the math library in java is \_\_\_.**

1. import java.lang.math
2. import math
3. import java.math
4. All of these

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**Ans: A.** import java.lang.math

**6. Which of the following is true regarding PostgreSQL?**

1. PostgreSQL is a powerful
2. PostgreSQL is open source
3. PostgreSQL is object-relational database system
4. All of the above

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**Ans: D.** All of the above

**7.How many tables may be included with a join?**

1. Three
2. Two
3. one
4. All of the above

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**Ans: D.** All of the above

**8.Which of the following query is correct for using comparison operators?**

1. SELECT name, course\_name FROM student WHERE age>50 and age<80;
2. SELECT name, course\_name FROM student WHERE age>50 and WHERE age<80;
3. SELECT name, course\_name FROM student WHERE age>50 and <80;
4. None

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Ans: A. SELECT name, course\_name FROM student WHERE age>50 and age<80;

**9. When you want to use a join between columns that are in the same table, you use what type of join?**

1. OUTER JOIN
2. LEFT JOIN
3. UNION
4. SELF JOIN

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**Ans: D.** SELF JOIN

**10. A key which allows unique or null values\_\_\_\_\_\_\_\_\_\_\_\_\_**

1. Null key
2. Unique
3. Primary key
4. None

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**Ans: C.** Primary key

**11. The condition to check against a list of values is?**

1. IN
2. LIKE
3. DISTINCT
4. BETWEEN

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**Ans: A.** IN

**12.DDL commands are**

#### CREATE

#### DELETE

#### DROP

#### None

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#### **Ans: A.** CREATE and **B**. DROP

#### Both CREATE and DROP are DDL commands.

**13.A named collection of tables is called what in PostgreSQL?**

#### View

#### Schema

#### Trigger

#### Diagram

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**Ans: B.** Schema

14. **Which mechanism helps in the process of naming as well as visibility control of the classes and their content?**

1. Packages
2. Interfaces
3. Object
4. None of the above

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#### Ans: A. Packages

#### 15. Which mechanism helps in the process of naming as well as visibility control of the classes and their content?

#### Packages

#### Interfaces

#### Object

#### None of the above

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#### Ans: A. Packages

#### 16. In java, jar stands for\_\_\_\_\_.

1. Java Archive Runner
2. Java Application Resource
3. Java Application Runner
4. None of the above

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**Ans: D.** None of the above

**17.** **Which of the following sorts the elements were inserted?**

1. Hashtable
2. Map
3. Array
4. None of these

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**Ans: D.** None of these

**18. Which escape character is used for word character in regex?**

1. /w
2. /c
3. /str
4. /?

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**Ans: \w**

**19.** **JDK stands for**

1. Java development kit
2. Java deployment kit
3. JavaScript deployment kit
4. None of these

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**Ans: A.** Java development kit

**20. Identify the output of the following program.**

**String str = “abcde”;**

**System.out.println(str.substring(1, 3));**

1. bc
2. bcd
3. abcde
4. Cde

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**Ans: A.** bc

**21. Identify the output of the following program.**

**String str = “Hellow”;**

**System.out.println(str.indexOf('t'));**

1. 0
2. 1
3. -1
4. Error

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**Ans: C.** -1

**22. Which method is used for notifying the observer about the change in the observed object?**

1. notify()
2. update()
3. observed()
4. check()

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Ans: B. update()

**23.** **What will be the output of following Java code?**

**public class Main {**

**public static void main(String arg[]) {**

**int i;**

**for (i = 1; i <= 12; i += 2) {**

**if (i == 8) {**

**System.out.println(i);**

**break;**

**}**

**}**

**}**

**}**

1. 1
2. No output
3. 8
4. 1357911

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**Ans: B.** No output

**24. In Spring’s XML configuration file, which XML tag is used to define a bean?**

1. <component>
2. <service>
3. <bean>
4. <dependency>

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**Ans: B.** <bean>

**25. Which method can we use in an applet to output a string?**

1. transient()
2. drawString()
3. print()
4. display()

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**Ans:** B. drawString()

**26. Out of these methods, which one makes the raw MIME formatted string?**

1. toString()
2. getString()
3. parse()
4. parseString()

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**Ans:** C. parse()

**27. What will be the output of the following Java program?**

class Output

{

public static void main(String args[])

{

int p = 1;

int q = 2;

int r = 3;

p |= 4;

q >>= 1;

r <<= 1;

p ^= r;

System.out.println(q + ” ” + q + ” ” + r);

}

}

1. 3 3 6
2. 2 3 4
3. 2 2 3
4. 3 1 6

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**Ans:** No one from above .

**28. Which class produces objects with respect to their geographical locations?**

1. Simple TimeZone
2. Date
3. Locale
4. TimeZone

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**Ans:** C. Locale

**29. What is it called when the child object also gets killed when the parent object is killed in the program?**

1. Encapsulation
2. Association
3. Aggregation
4. Composition

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**Ans:** D.Composition

**30. Out of these packages, which one contains an abstract keyword?**

1. java.util
2. java.lang
3. java.system
4. java.io

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**Ans:** B. java.lang