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Assignment 10

The due date for submitting this assignment has passed.
As per our records you have not submitted this assignment.

Due on 2019-04-10, 23:59 IST

1) Which of these package contains classes and interfaces for networking?

1 point

- a. java.io
- b. java.util
- c. java.net
- d. javax.swing

☐ a☐ b☐ c☐ d**No, the answer is incorrect.****Score: 0****Accepted Answers:**

c

2) Which of the following represents a computer uniquely?

1 point

- a. URL
- b. Port Number
- c. IP Address
- d. Mac Address

☐ a☐ b☐ c☐ d**No, the answer is incorrect.****Score: 0****Accepted Answers:**

c

d

3) In the following URL, identify the protocol identifier?

1 point

<https://nptel.ac.in:8080/course.php>

a. https

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- ☐ b
☐ c
☐ d

No, the answer is incorrect.

Score: 0

Accepted Answers:

a

4) Which of the following protocol follows connection less service?

1 point

- a. TCP
b. TCP/IP
c. UDP
d. HTTP

- ☐ a
☐ b
☐ c
☐ d

No, the answer is incorrect.

Score: 0

Accepted Answers:

c

5)

1 point

Which of the following statement is NOT true?

- a. TCP is a reliable but slow.
b. UDP is not reliable but fast.
c. File Transfer Protocol (FTP) is a standard Internet protocol for transmitting files between computers on the Internet over TCP/IP connections.
d. In HTTP, all communication between two computers are encrypted.

- ☐ a
☐ b
☐ c
☐ d

No, the answer is incorrect.

Score: 0

Accepted Answers:

d

6)

1 point

Which of the following statement is TRUE?

- a. With stream sockets there is no need to establish any connection and data flow between the processes are as continuous streams.
b. Stream sockets are said to provide a connection-less service and UDP protocol is used
c. Datagram sockets are said to provide a connection-oriented service and TCP protocol used
d. With datagram sockets there is no need to establish any connection and data flow between the processes are as packets.

- ☐ a
☐ b
☐ c
☐ d

No, the answer is incorrect.

Score: 0

Accepted Answers:

d

7)

1 point

Which of the following method call is valid to obtain the server's hostname by invoking an applet?

- a. `getCodeBase().host()`
- b. `getCodeBase().getHost()`
- c. `getCodeBase().hostName()`
- d. `getCodeBase().getHostName()`

- ☐ a
- ☐ b
- ☐ c
- ☐ d

No, the answer is incorrect.

Score: 0

Accepted Answers:

b

8)

1 point

The server listens for a connection request from a client using which of the following statement?

- a. `Socket s = new Socket(ServerName, port);`
- b. `Socket s = serverSocket.accept();`
- c. `Socket s = serverSocket.getSocket();`
- d. `Socket s = new Socket(ServerName);`

- ☐ a
- ☐ b
- ☐ c
- ☐ d

No, the answer is incorrect.

Score: 0

Accepted Answers:

b

9)

1 point

The client requests a connection to a server using which of the following statement?

- a. `Socket s = new Socket(ServerName, port);`
- b. `Socket s = serverSocket.accept();`
- c. `Socket s = serverSocket.getSocket();`
- d. `Socket s = new Socket(ServerName);`

- ☐ a
- ☐ b
- ☐ c
- ☐ d

No, the answer is incorrect.

Score: 0

Accepted Answers:

a

10)

1 point

To connect to a server running on the same machine with the client, which of the following cannot be used for the hostname?

- a. "localhost"
- b. "127.0.0.1"
- c. `InetAddress.getLocalHost()`
- d. "127.0.0.0"

☐ a
☐ b
☐ c
☐ d

No, the answer is incorrect.

Score: 0

Accepted Answers:

d

11)

1 point

In the socket programming, for an IP address, which can be used to find the host name and IP address of a client/ server?

- a. The `ServerSocket` class
- b. The `Socket` class
- c. The `InetAddress` class
- d. The `Connection` interface

☐ a
☐ b
☐ c
☐ d

No, the answer is incorrect.

Score: 0

Accepted Answers:

c

12)

1 point

To create an `InputStream` on a socket, say `s`, which of the following statement is necessary?

- a. `InputStream in = new InputStream(s);`
- b. `InputStream in = s.getInputStream();`
- c. `InputStream in = s.obtainInputStream();`
- d. `InputStream in = s.getStream();`

☐ a
☐ b
☐ c
☐ d

No, the answer is incorrect.

Score: 0

Accepted Answers:

b

13)

1 point

Which of the following protocols is/are for splitting and sending packets to an address across a network?

- a. TCP/IP
- b. FTP
- c. SMTP
- d. UDP

☐ a

- ☐ b
☐ c
☐ d

No, the answer is incorrect.

Score: 0

Accepted Answers:

a
d

14)

1 point

Consider the following piece of code.

```
import java.net.*;

class Networking{
publicstaticvoid main(String[]args) throwsUnknownHostException{
    try{
        URL url=newURL("https://www.google.com");
        InetAddress obj1 =InetAddress.getByName("www.google.com");
        InetAddress obj2 =InetAddress.getByName(url.getHost());
        boolean x = obj1.equals(obj2);
        System.out.println(x);
    }
    catch(Exception e){}
}
}
```

Which will be the output of the program?

- a. 0
b. 1
c. true
d. false

- ☐ a
☐ b
☐ c
☐ d

No, the answer is incorrect.

Score: 0

Accepted Answers:

c

15)

1 point

Consider the following piece of code.

```
import java.net.*;

class networking {
public static void main(String[] args) throws MalformedURLException {
    try {
        URL obj = new URL("http://www.xyz.com/java");
        System.out.print(obj.getPort());
    } catch (Exception e) { }
}
}
```

Which will be the output of the program?.

- a. 1
b. 0
c. -1
d. garbage value

- ☐ a

☐ b

☐ c

☐ d

No, the answer is incorrect.

Score: 0

Accepted Answers:

c

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End

