PROGRAMMING IN JAVA

Assignment10

TYPE OF QUESTION: MCQ

Number of questions: 10   **Total mark: 10 × 1 = 10**

QUESTION 1:

Which of these is a protocol for breaking and sending packets to an address across a network?

 a. TCP/IP
 b. DNS
 c. Socket
 d. Proxy Server

Correct Answer: a

Detailed Solution:
TCP/IP is the protocol that breaks the packets and sends them in a network channel.

QUESTION 2:

Which of the following statement(s) is/are false?

 a. DatagramSocket is a UDP endpoint API .
 b. DatagramSocket is a TCP server API .
 c. ServerSocket is a TCP server API.
 d. ServerSocket is a TCP client API.

Correct Answer: b,d

Detailed Solution:

ServerSocket is a TCP server API, and will typically accept connections from client sockets. DatagramSocket is a UDP endpoint API and is used to send and receive datagram packets.

QUESTION 3:

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

Correct Answer: c

Detailed Solution:
An object of the InetAddress class is used to obtain the IP address and the host name of a client/ server computer connected in a network.

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QUESTION 4:

Which of the following package contains classes and interfaces for networking?

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

Correct Answer: c

Detailed Solution:
The java.net packages includes many classes and interfaces for network programming in Java.

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QUESTION 5:

In the following URL, identify the Resource name?

https://xyz.ac.in

   a. https
   b. xyz.ac.in
   c. ac.in
   d. https://xyz.ac.in

Correct Answer: b

Detailed Solution:

Resource name is xyz.ac.in.

QUESTION 6:

Which of the following is/are transport layer protocol(s)?

a. TCP
b. UDP
c. HTTP
d. FTP

Correct Answer: a,b

Detailed Solution:

TCP,UDP are transport layer protocols.

QUESTION 7:

The package, which is required to be imported for the JDBC programming?

a. java.net
b. java.sql
c. java.lang
d. java.io

Correct Answer: b

Detailed Solution:
All classes and interfaces related to JDBC are defined in java.sql package.

QUESTION 8:

Which of the following is/are valid Data Definition Language (DDL) command(s)?

a. SELECT
b. INSERT
c. UPDATE
d. ALTER TABLE

Correct Answer: d

Detailed Solution:
ALTER TABLE is a Data Definition Language (DDL).

QUESTION 9:

In JDBC, all raw data types (including binary documents or images) should be read and uploaded to the database as an array of

       a.   int
       b.   char
       c.   byte
       d.   String

Correct Answer: c

Detailed Solution:
All data types should be read and uploaded to the database as an array of bytes.

QUESTION 10:

Once a JDBC driver has been registered, which of the following method is used to make a database connection?

    a. getConnection(String url, String userID, String password)
    b. setConnection(String url, String userID, String password)
    c. Connect(String url, String userID, String password)
    d. Connect(string url, string userID, string password).

Correct Answer: a

Detailed Solution:
The `getConnection(String url, String userID, String password)` method is used to make the database connection.

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