NETWORKING

1. You want to send an email message to user@example.com from your java program using a platform-specific tool external to java runtime environment.

   Referring to the scenario above, which method call of Desktop do you use?
      a. send(new URI("mailto:user@example.com"))
      b. open("x-application/email","user@example.com")
      c. sendto("user@example.com")
      d. opendesktop:mailto("user@example.com")
      e. mail(new URI("mailto:user@example.com"))

2. Which statement returns the IP address of www.example.com?
      a. InetAddress ip= InetAddress.getByName("www.example.com");
      b. InetAddress ip= InetAddress("www.example.com");
      c. InetAddress ip= System.resolveHostByName("www.example.com");
      d. String ip= InetAddress.DNSLookup("www.example.com");
      e. InetAddress ip=Socket.DNSLookup("www.example.com");

3. Which classes does java provide for networking applications beyond the URL and URLConnection classes offer?
      a. Network and NetworkConnector
      b. Connect and Connector
      c. Socket and ServerSocket
      d. Application and ApplicationSocket
      e. System and SystemConnect

4. Which line of code returns the HTML text of the root webpage at www.example.com?
      a. Object content =
         new URL("http://www.example.com").readObject();
      b. Object content =
         new URL("http://www.example.com").getContent();
      c. HTMLDocument doc =
         HTMLDocument.create("http://www.example.com");
      d. Integer content =
         URL.get("http://www.example.com").getContent();
      e. String content =
         new FileInputStream("http://www.example.com").read();

5. Which code segment listens for a socket connection?
    a. Socket socket = new Socket();
    b. Socket socket = SocketImpl.listen(8080);
    c. Socket socket = HttpURLConnection.open(8080);
    d. Socket socket = (new ServerSocket(8080)).accept();
    e. Socket socket = (new MulticastSocket(8080)).joinGroup();

6. You want to manage the cookies that are sent and received for a series of successive network connections during a session-oriented web connection.
Based on the scenario above, which code sequence do you use to install the CookieHandler for a specific URL connection?

    a. String urlString = ... URL url = new URL(urlString);
       URLConnection connection = url.openConnection();
       connection.setCookieHandler(new CookieManager());

    b. String urlString = ... URL url = new URL(urlString);
       url.setCookie(new CookieManager());
       URLConnection connection = url.openConnection();

    c. String urlString = ...
       System.setDefaultCookieHandler(new CookieManager());
       URL url = new URL(urlString);
       URLConnection connection = url.openConnection();

    d. String urlString = ...
       Toolkit.getDefaultToolkit().setDefaultCookieHandler(new CookieManager());
       URL url = new URL(urlString);
       URLConnection connection = url.openConnection();

    e. String urlString = ...
       CookieHandler.setDefault(new CookieManager());
       URL url = new URL(urlString);
       URLConnection connection = url.openConnection();