Question 1 of 18

Which one of the following statements is FALSE in JAVA Card 3:

1. Transactions are supported
2. It is possible to have web applications (Java Servlets) for Connected Edition
3. TCP/IP is supported
4. None of existing statements

Question 2 of 18

How is structured the memory layout for contactless IC Mifare 1K card?

1. In 16 sectors with 3 blocks each (16 bytes/block) and trailer block from each sector contains access bits and keys
2. In 32 sectors with 2 blocks each (16 bytes/block) and first block from each sector contains access bits and keys
3. In 32 sectors with 2 blocks each (16 bytes/block) and trailer block from each sector contains access bits and keys
4. In 16 sectors with 4 blocks each (16 bytes/block) and trailer block from each sector contains access bits and keys

Question 3 of 18

What does the authentication in biometrics is all about:

1. Determines whether the person is who claims to be
2. Hides a person’s identity
3. It determines the identity of the person
4. Allows access to all users and grants them different privileges

Question 4 of 18

Which of the following types of biometric is the less intrusiveness:

1. Voice scan
2. Finger scan
3. Retina scan
4. Iris scan

Question 5 of 18

Which of the followings is NOT specific to a servlet (in Java Card 3):

1. Runs on client side
2. Runs on top of a web container
3. Runs on the java card
4. Process incoming HTTP requests

Question 6 of 18

Which type is not supported in Java Card 3 Framework:

1. Short
2. Float
3. Byte
4. boolean

Question 7 of 18

Which method is triggered for each request in a JC Web application (in Java Card 3):

1. doPost()
2. init()
3. service()
4. destroy()

Question 8 of 18

The most used methods for face recognition are:

1. eigenfaces, fisherfaces, neural networks
2. Distributed analysis, eigenfaces, confusion matrix
3. Neural networks, fisherfaces, confusion matrix
4. Confusion matrix, keystroke latency, neural networks

Question 9 of 18

What of the followings characteristics are behavioral:

1. Speech, fingerprint, eyes
2. Hand, typing, signature
3. Typing, signature, speech
4. Keystroke dynamics, signature, face

Question 10 of 18

Which of the following does Biometric systems evaluate:

1. Identity availability
2. Ensure confidentiality
3. Check identity integrity
4. Identity authentication

Question 11 of 18

Which is the most expensive biometric system:

1. Voice scan
2. Facial scan
3. Keystroke dynamic
4. Retina scan

Question 12 of 18

What kinds of characteristics does Biometric apps target:

1. Mechanical and behavioral
2. Electrical and mechanical
3. Physiological and behavioral
4. Automated and physiological

Question 13 of 18

Which of the followings is NOT stage of a biometric system:

1. Data storage
2. Decision
3. Feature encryption
4. Feature extraction
5. Acquisition

Question 14 of 18

In Java Card 3 the following source code:

public class Triple extends Thread

{

int nb;

Triple(int nb) {

this.nb = nb;

}

public void run() {

int b = 3 \* nb;

}

}

...

class X

{

void f() {

Triple tt = new Triple(5);

tt.start();

...

tt.join();

}

}

Which statement is true for Java Card 3?

1. All the source code is correct from syntax point of view
2. All the source code is incorrect from syntax point of view
3. The source code is irrelevant because multi-threading is not supported
4. Method f() is running in infinite loop

Question 15 of 18

Which one of the following statements is FALSE regarding the Service Registry (SR) in Java Card 3:

1. SR is a singleton pattern
2. SR can be accessed via getServiceRegistry() method
3. SR is a permanent JC RE entry point object
4. SR is a listener

Question 16 of 18

Which one of the following statements is true in Java Card 3?

1. Multi-threading has the same approach as in Java SE (Standard Edition) - extends Thread class or implements Runnable interface
2. Java Card supports native MySQL DB engine for persistence
3. Is is not possible to run Java web app servlets in the web container server of the card
4. Multi-threading is not supported

Question 17 of 18

Which one of the following items is not persistent in Java Card 3:

1. ServletContext object
2. Applet instance
3. Transient object
4. Static fields

Question 18 of 18

Where an intercept channel face recognition attack could take place:

1. Between feature extraction and template database
2. Between matcher and application device
3. At the feature extraction stage
4. In the template database