

A biometric modality that uses the individual's typing pattern for recognition refers to ....."

c. Keystroke Dynamics.

Which of the following biometrics is considered the least acceptable?

Retina

.....is the failure of the technology to extract adequate distinguishing features

. FTE

Mathematical & Statistical methods in analysis questions is .....

Biometry

Highest user acceptable >>> voice recognition

Lowest user acceptable >>> fingerprint scan

53) Rate estimated to occur for random users

a. False Accept Rate

57) It means user is continually rejected.

b. False Reject

71) Which part of the iris is used to develop biometric data?

Retinal

A type or class of biometric, such as face, fingerprint, and iris is called .4

) Modality

6. Iris recognition has C) Lower.false acceptance rate than fingerprint.

10. What is true for equal error rate?

A) Lower the equal error rate, higher the accuracy.

20. Biometric authentication .

C) Can use a person's face as a unique trait

21. A security engineer has recently installed a biometric system and needs to tune it.

Currently the biometric system is rejecting too many valid registered users. What adjustment does the security engineer need to make?

D) Reduce the False Reject Rate

2. You are comparing biometric systems. Security is the top priority. A low A) FAR.is most important in this regard.

) Type II error. occurs when null hypothesis is false but is accepted

27. Standard plot for biometric evaluation isA) ROC.

Exam

. The automated process of locating and encoding distinctive characteristics from a biometric sample in order to generate a template. (31)

Feature Extraction

. The process used to recognize an individual's handwritten signature. (50)

d. Signature Verification

The transferred impression of a friction ridge detail that is not readily visible; a generic term used for a questioned friction ridge detail. (34)

Latent Fingerprint

Requires the subject to look into a reticle and focus on a visible target while the scan is completed. (44) Retinal Scanning

6. A scan of a fingerprint or palm print taken directly from a subject's hand. (35) Live Scan

7. Occurs when the friction ridges enter from one side, make a rise in the center, and exit on the opposite side. (34) Model

9. A user setting for biometric systems operating in the verification or open-set identification (watch list) tasks. (32) Threshold

The point where a friction ridge begins, terminates, or splits into two or more ridges. Minutiae are friction ridge characteristics that are used to individualize a fingerprint image. (34)

Minutiae points

The ridges on the skin of the fingers, toes, palms, and soles of the feet that make contact with an incident surface under normal touch. On the fingers, the unique patterns formed by friction ridges make up fingerprints. (34) Friction Ridge

. The generic term used in the description of biometric systems (e.g., face recognition or iris recognition) relating to their fundamental function. (31)

Recognition

. The process of comparing a biometric reference with a previously stored reference or references in order to make an identification or verification decision. (31)

Comparison

. Represents a face in the database. (47)

. Faceprint

. This is a subset of physical and/or behavioral characteristics by which an individual is uniquely recognizable. (29)

Identity

7. The point in a fingerprint where a ridge divides or splits to form two ridges that continue past the point of division for a distance that is at least equal to the spacing between adjacent ridges at the point of bifurcation. (34)

Bifurcation

The process of confirming or denying that a claimed identity is correct by comparing the credentials. (30b) Verification

. A biometric modality that uses the physical structure of an individual's palm print for recognition purposes. (39)d. Palm print recognition

The threshold is \_\_\_\_\_ so that the biometric system can be more or less strict, depending on the requirements of any given biometric application. (32)

Adjustable

Most common graph for evaluation closed set system