**1. List the authentication categories**

1. _____

2. _____

3. _____

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**2. Correct the text so that the following statements are true**

An entity of or group of entities seeking authentication uses a

$\binom{\text{a distinguishing characteristic}}{\text{a characteirstic}}$ from the entity/entities being authenticated.

The process of authentication involves $\binom{\text{involves}}{\text{does not involve}}$ an authenticator and an

authenticating mechanism.

The "what you know" authentication involves $\begin{pmatrix}\text{fingerprints,}\\\text{passwords}\\\text{smart cards}\end{pmatrix}$ in the authentication

process.

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**3. Choose correct labels from list and write them into the image to describe how slated hashing works.**

abc123        qwe963

abc123qwe963 →  [        ] →  5ede2394533faa2ff9e80
9bc8be124e3a50907a6
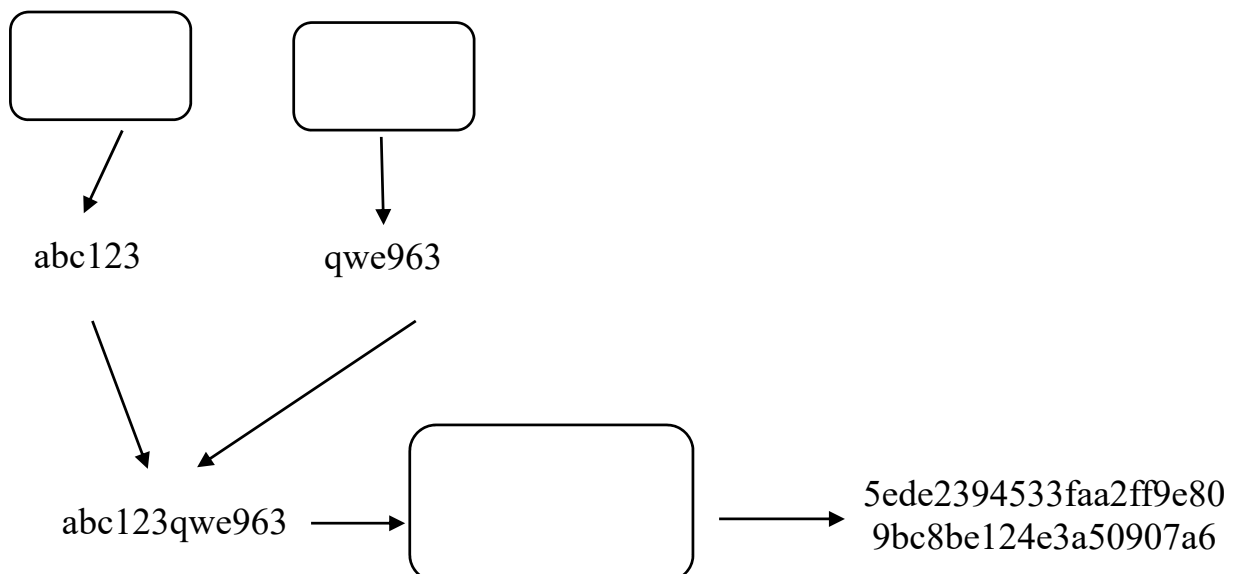
Choices: salt, password, hash function

4. **Assign the terms from the left column to the corresponding descriptions on the right.**

| | |
|---|---|
| Salted hashing | A password and a random set of characters are combined and then stored in a special format. |
| Password hashing | A password is stored in a special format. |
| Dictionary attack | An attacker attempts to get into a password-protected system by using a set of words. |
| Rainbow Table attack | A special type of brute force password attack |

5. **List at least 4 password managers.**

1. _____

2. _____

3. _____

4. _____