**ASSIGNMENT 3 AUTHENTICATION METHODS - MS**

|  |  |  |
| --- | --- | --- |
| 1  2 | Two matched pairs from:  **User ID and one of password/PIN/Memorable data**  Password has to be entered before access is gained/Password can be  changed frequently to avoid hackers guessing them/Unsuccessful logins  can throw you out of the system  **Magnetic stripe/smart card/electronic key/bar code system/ID card**  Prevents people without cards accessing system  **Biometric data**  Fingerprint/retina/iris/face/voice recognition used as input/Biometric data is  difficult to replicate  **Six from:**  Biometric methods use unique data  User ids and passwords can be copied/stolen/forgotten  Cannot copy biometric data  Only the person with particular biometric features can access the network  Anybody who has the password can access a network  Max **three** from  Fingerprints can be used to identify an individual  Retina scans can be used to identify an individual  Facial characteristics can be used to identify an individual  Voice recognition software can be used to identify an individual | 4  6 |