**Database Security – Tutorial / Lab 2**

1. Which of the following principle(s) support Confidentiality ?

Note: Choose all the correct options. There can be no correct answer or more than one correct answer.

1. Redundancy control
2. Need to know
3. Accurate data
4. Classified data
5. Up to date data
6. Principle of Least Privilege
7. Data backup
8. Encryption
9. Data hashing
10. Compression
11. Which of the following principle(s) support Integrity ?

Note: Choose all the correct options. There can be no correct answer or more than one correct answer.

1. Redundancy control
2. Need to know
3. Accurate data
4. Classified data
5. Up to date data
6. Principle of Least Privilege
7. Data backup
8. Encryption
9. Data hashing
10. Compression
11. Which of the following principle(s) support Availability ?

Note: Choose all the correct options. There can be no correct answer or more than one correct answer.

1. Redundancy control
2. Need to know
3. Accurate data
4. Classified data
5. Up to date data
6. Principle of Least Privilege
7. Data backup
8. Encryption
9. Data hashing
10. Compression
11. How can you ensure the document or a software code that you received have not been tampered with ?
12. Consider your details as below

* Name
* ID Card number
* Permanent Address
* Phone Number(s)
* Qualification(s)
* Bank account number(s)
* Account login name
* Account login password
* Marital Status
* Study/Work Status
* Place of Study/Work

Which of the details shown above should be kept confidential ? Justify.

1. What are the issues advantages and disadvantages of having redundant data ?