**MOCK TEST 2**

**Q1. WHICH OF THE BELOW COMES FIRST?**

**OPTION 1: SERVICE**

OPTION 2: LOGIN

OPTION 3: SERVICE ACCOUNT

**Q2. SSMS TOOL CANNOT BE INSTALLED ON MAC BUT CAN BE INSTALLED ON LINUX.**

**TRUE** / **FALSE**? FALSE

**Q3. TO INSTALL SQL SERVER WE NEED TO INSTALL .NET FRAMEWORK SEPERATELY.**

**TRUE** / **FALSE**? FALSE

**Q4. WHAT ARE THE FEATURES (COMPONENTS) OF SQL SERVER THAT COMES WITH SQL SERVER**

* 1. DATABASE ENGINE
  2. SQL SERVER REPLICATION
  3. MACHINE LEARNING SERVICES(OLTP)
  4. DATA QUALITY SERVICES
  5. POLYBASE QUERY SERVICE FOR EXTERNAL DATA

**Q5. WHAT IS AN INSTANCE?**

EACH SUCCESSFUL INSTALLATION OF SQL SERVER IS KNOWN AS AN INSTANCE

**Q6. WHAT IS COLLATION?**

A SERVER PROPERTY USED TO CONTROL THE LANGUAGE(ENGLISH ETC)

**Q7. WHAT IS FILESTREAM?**

A MECHANISM TO STORE DOCUMENTS, VIDEOS, IMAGES, ANY DATA IN SQL SERVER

**Q8. WHAT ARE THE DIFFERENT TYPES OF AUTHENTICATION ? EXPLAIN THE BASIC DIFFERENCE BETWEEN EACH?**

AUTHENTICATION IS A COMMUNICATION PATH BETWEEN END USERS AND SQL SERVER

|  |  |
| --- | --- |
| **WINDOWS AUTHENTICATION** | **SQL AUTHENTICATION** |
| SQL Server accessible within same Windows OS Environment / Network | SQL Server accessible from any environment |
| Auto enabled by default | Need to enable this manually during Installation |
| Ex: Local Lab Connection | Ex: Online Lab Connection |

**Q9. WHAT ARE THE PRE-REQUISITES FOR SQL SERVER INSTALLATION ? GIVE THE COMPLETE LIST.**

**Software Requirements :**

* **WMI : Windows Management Instrumentation.** Component used for Monitoring SQL Server
* **MSXML : Microsoft XML Parser.** Used for Communication to SQL Server
* **.NET :** Auto installed in Windows Operating System. For Graphical User Interface [GUI]

**Hardware Requirements:** 4 GB RAM OR HIGHER.

ANY PROCESSOR THAT SUPPORTS WINDOWS 7 or 8 or 10

OS Requirements :

|  |  |  |
| --- | --- | --- |
| **VERSION NAME** | **VERSION NUMBER** | **INSTALLATION REQUIREMENTS** |
| **SQL Server 2019** | **15.0** | **WINDOWS 8 OR HIGHER. 64 bit & LINUX** |
| **SQL Server 2017** | **14.0** | **WINDOWS 8 OR HIGHER. 64 bit & LINUX** |
| **SQL Server 2016** | **13.0** | **WINDOWS 8 OR HIGHER. 64 bit / 32bit** |
| SQL Server 2014 | 12.0 | WINDOWS 7 OR HIGHER. 64 bit / 32bit |
| SQL Server 2012 | 11.0 | WINDOWS 7 OR HIGHER. 64 bit / 32bit |

**Q10. WHAT ARE THE PRE-REQUISITES FOR SSMS TOOL INSTALLATION? GIVE THE COMPLETE LIST.**

1. Windows OS, any OS is fine
2. .NET Framework should be up to date