# 603:Recent Trends in IT

| Questions | Option A | Option B | Option C | Option D |
|---|---|---|---|---|
| In the software engineering context, a measure provides a quantitative indication of the ……. | extent | amount | component | all above |
| Measurement is the act of determining a ………… | component | measure | process | control |
| A quantitative measure of the degree to which a system, component or process possesses a given attribute | measure | measurement | metrics | indicator |
| ……………. occurs as the result of the collection of one or more data points. | measurement | measure | indicator | metrics |
| A ………… collects measures and develops metrics so that indicator will be obtained | software engineer | database manager | DBA | all above |
| In horizental fragmentation _____ are split up across multiple sites. | Header | Footer | Rows | Data |
| An database stores each database fragment at a single sites is known as | Partiliated | Unreplicated | Transformed | Merged |
| Which of the following describes the process of deciding where to locate data ? | Data Allocation | Data Measure | Replication | Fragmentation |
| A server is a computer that received the _____processes it and returns the requested information back to the client. | Request | Response | Data | Information |
| Which of the following that sends the request to the server connected to the network ? | Server | Client | Remote | Resource |
| Data integration means where multiple data sources may be-- | Combined | Distributed | Identical | Ethical |
| To remove noise and inconsistent data is known as | Data Transformation | Data Cleaning | Data Repeatation | Data Integration |
| _____ is summerization of the general characteristics or features of a target class of data. | Data Interpretation | Data Transformation | Data Characterisation | Data Measurement |

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| _____ is a comparision of the general features of the target class data objects against the general features of objects from one multiple contrastic classes. | Data Discrimination | Data Interpolation | Data Measurement | Data Population |
| Probability theory is based on _____ | Analytical Theory | Statistical Theory | Data Interpretation | Data Measurement |
| An algorithm in encryption is called _____ | Algorithm | Procedure | Cipher | Module |
| The technique of applying DES three time in a row to a plain text block is called | 3DES | 6DES | Inner DES | All of the Above |
| DES Block size have _____bits. | 64 | 128 | 192 | 256 |
| AES Block size have_____bits | 64 | 256 | 128 | 192 |
| Firewall is used to block unauthorised access to your network | TRUE | FALSE | May be | None |