Assignment 5

1. A data flow diagram represents which one of the following? (1 mark each)
   a) Historical data
   b) The total system
   c) A system with a single data flow
   d) The transformation of data through a processing unit
   e) Data and services

2. Which of the following statements are true of a data flow diagram (DFD)? (1 mark each)
   a) A data flow diagram is a procedural design approach.
   b) A data flow diagram is a physical design.
   c) Data processing is shown explicitly in a data flow diagram.
   d) Data is represented by a data store, not a data flow.
   e) Data flows typically contain a name and a direction.
   f) Data flows typically contain a data store name and a direction.
   g) Data flows typically contain a data store name and a description.
   h) Data flows typically contain a data store name and a data type.
   i) Data flows typically contain a data store name and a security level.
   j) Data flows typically contain a data store name and a processing unit.
   k) Data flows typically contain a data store name and a data format.
   l) Data flows typically contain a data store name and a data volume.
   m) Data flows typically contain a data store name and a data quality.
   n) Data flows typically contain a data store name and a data frequency.
   o) Data flows typically contain a data store name and a data source.
   p) Data flows typically contain a data store name and a data destination.
   q) Data flows typically contain a data store name and a data transformation.
   r) Data flows typically contain a data store name and a data version.
   s) Data flows typically contain a data store name and a data validation.
   t) Data flows typically contain a data store name and a data summary.
   u) Data flows typically contain a data store name and a data integrity.
   v) Data flows typically contain a data store name and a data availability.
   w) Data flows typically contain a data store name and a data accessibility.
   x) Data flows typically contain a data store name and a data ownership.
   y) Data flows typically contain a data store name and a data compliance.
   z) Data flows typically contain a data store name and a data security.

3. Which of the following statements are true of a data flow diagram (DFD)? (1 mark each)
   a) A data flow diagram is a logical design.
   b) A data flow diagram is a physical design.
   c) Data processing is shown explicitly in a data flow diagram.
   d) Data is represented by a data store, not a data flow.
   e) Data flows typically contain a name and a direction.
   f) Data flows typically contain a data store name and a direction.
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   x) Data flows typically contain a data store name and a data ownership.
   y) Data flows typically contain a data store name and a data compliance.
   z) Data flows typically contain a data store name and a data security.

4. Which of the following statements are true of a data flow diagram (DFD)? (1 mark each)
   a) A data flow diagram is a logical design.
   b) A data flow diagram is a physical design.
   c) Data processing is shown explicitly in a data flow diagram.
   d) Data is represented by a data store, not a data flow.
   e) Data flows typically contain a name and a direction.
   f) Data flows typically contain a data store name and a direction.
   g) Data flows typically contain a data store name and a description.
   h) Data flows typically contain a data store name and a data type.
   i) Data flows typically contain a data store name and a security level.
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   x) Data flows typically contain a data store name and a data ownership.
   y) Data flows typically contain a data store name and a data compliance.
   z) Data flows typically contain a data store name and a data security.