



SDMX self-learning package
SDMX information model

TEST

Produced by	Eurostat, Directorate B: Statistical Methodologies and Tools Unit B-5: Statistical Information Technologies
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1 **Self-test: SDMX information model**

- 1) Statistical data are:
 - a) Associated with metadata values acting as identifiers and descriptors of the data.
 - b) Can be organised using Time Series or Cross sectional representations.
 - c) All of the above.

- 2) In the SMDX framework, Statistical Metadata includes:
 - a) Structural metadata only.
 - b) Structural metadata, reference metadata, and Content oriented guidelines.
 - c) Structural metadata and Reference metadata.
 - d) None of the above.

- 3) Structural Metadata is arranged in:
 - a) Data Structure Definition (DSD) and Metadata Structure Definition (MSD).
 - b) A 'multi-dimensional cube' of data.
 - c) All of the above.

- 4) Reference Metadata uses concepts describing:
 - a) The content of the data.
 - b) The methodology.
 - c) The quality of the data.
 - d) All of the above.

- 5) Reference metadata is structured:
 - a) According to a 'Metadata Structure Definition' (MSD).
 - b) According to a Data Structure Definition (DSD).
 - c) Both.

- 6) Category Scheme provides a way of classifying data for:
 - a) Collection.
 - b) Reporting.
 - c) Publication.
 - d) All of the above.

- 7) The SDMX Information Model allows:
 - a) The storage of reference metadata independently from the data that it is describing.
 - b) The reference metadata to be kept in a metadata repository.
 - c) The dissemination of data with the related reference metadata.
 - d) All of the above.

- 8) In the SDMX information model, 'data provisioning' means:
 - a) The process of providing and managing the flow of Data or Metadata.
 - b) The organization and management of the exchange and dissemination of data and metadata.
 - c) All of the above.

- 9) Which sentence is wrong:
- A Concept Scheme is maintained by an agency.
 - A Concept Scheme contains a list of Concepts.
 - A Concept Scheme must be used by several DSDs.
 - A Concept Scheme often groups the concepts relevant to a single structure.
- 10) In the SDMX Information Model, a Code lists:
- Is an object containing a list of codes.
 - Is a maintainable object.
 - All of the above.
- 11) Which element is never used in a DSD?
- TargetIdentifier.
 - Dimension.
 - Attribute.
 - Measure.
- 12) In a DSD, a group key:
- Allows grouping of series in a dataset.
 - Is a subset of Key Dimensions.
 - Identify a subset of the data to which Attributes may be linked.
 - All of the above.
- 13) Which are the possible attachment levels of descriptor Concepts:
- File, Dataset, Group, Series, Observation.
 - Dataset, Series/Sections, Observation only.
 - Dataset, Group, Series/Sections, Observation.
 - None of the above.
- 14) The time series Data Set may comprise:
- Group Keys.
 - Time series Keys.
 - Attribute values.
 - All of the above.
- 15) What's wrong?
- Cross-sectional data are organized exactly like time series.
 - Cross-sectional data are structured to represent a set of multiple observations at a single point in time.
 - Cross-sectional data are often organized around some other, non-time Dimension.
- 16) MSDs (Metadata Structure Definitions):
- Define the valid content of a Metadata Set.
 - Uses Concepts to represent structural metadata.
 - None of the above.
- 17) Metadata sets may contain information on:
- The quality of data (in accordance with a data quality framework).
 - The schedule on which data is released.
 - The maintainers of data or structural definitions.
 - The flow of a single type of data over time.
 - All of the above.

- 18) Dataflow definitions are SDMX objects providing information to:
- Report or disseminate Data sets.
 - Only classify data for collection.
 - None of the above.
- 19) In the SMDX information model, a Provision Agreement:
- Provides information on Data sets and Metadata sets delivered by a data provider.
 - Specifies the link between the Data Provider and the Dataflow Definition or Metadata flow Definition.
 - All of the above.
- 20) The term 'Constraints' in the SDMX Information Model may embed a set of information:
- To limit only the period reported.
 - To limit only the content reported.
 - To limit both the period and the content reported.
- 21) What's wrong?
- Category Schemes provide a way of classifying data.
 - Category Schemes are made up of a simple hierarchy of Categories.
 - A Category Scheme is not maintained by a Maintenance Agency.
 - Data and Metadata Flows are linked to Categories.

2 Answers

Question 1: c).

Question 2: c).

Question 3: a).

Question 4: d).

Question 5: a).

Question 6: d).

Question 7: d).

Question 8: c).

Question 9: c).

Question 10: c).

Question 11: a).

Question 12: d).

Question 13: c).

Question 14: d).

Question 15: a).

Question 16: a).

Question 17: e).

Question 18: a).

Question 19: a).

Question 20 : c).

Question 21 : c).