IBM COGNOS 10 BI SCORECARD DEVELOPER COURSE CONTENT

❖ **PLAN THE SCORECARD APPLICATION (5%):**
   a. Identify the components of Metric Studio architecture
   b. Identify different scorecarding methodologies
   c. Identify supported data sources for various types of data loading

❖ **MONITOR PERFORMANCE WITH METRICS (5%):**
   a. Describe the differences between the calendar control options
   b. Identify methods of aligning performance with strategic objectives
   c. Describe various methods of taking action on metrics

❖ **DEFINE THE APPLICATION ENVIRONMENT (20%):**
   a. Distinguish between the content store and metric store
   b. Identify the various steps of creating a package
   c. Identify the appropriate metric type performance pattern for a metric type
   d. Identify the score calculations used for the tolerance-based method and threshold-based method
   e. Describe the function of any of the score settings
   f. Identify the appropriate use for the various rollup types
   g. Identify the appropriate use of a qualifier
   h. Identify the need for accountability on a metric
   i. Describe scenarios for creating metric tasks

❖ **LOAD DATA INTO THE SCORECARD APPLICATION (15%):**
   a. Distinguish between the different data management processes used to import and recalculate data
   b. Distinguish between the three metric maintenance tasks that clear data
   c. Define how a score is calculated
   d. Identify the differences between the different trend options
   e. Describe a business requirement that is satisfied by creating a formula-based calculated metric or a derived index metric
   f. Identify the architectural components that are used as data moves through its various loading stages
   g. Describe when typing in values is a valid data loading technique
   h. Interpret the derived index score

❖ **LOAD DATA USING IBM COGNOS METRIC DESIGNER (8%):**
   a. Identify the supported data sources in Metric Designer
   b. Distinguish between an object extract and a metric extract
   c. Distinguish between executing and publishing extracts
   d. Describe the process of creating a metric extract

❖ **LOAD DATA USING FLAT FILES AND SQL SERVER SCRIPTS (11%):**
   a. Define the relationship between flat files and staging tables
   b. Identify flat files by their extensions and explain what objects they support
   c. Identify the process of checking for errors when loading flat files
   d. Distinguish between various methods of deleting data from the metric store
   e. Describe the process of how a SQL script loads data into the metric store

❖ **REFINE THE SCORECARD APPLICATION (24%):**
   a. Identify the results of the different group roll up rules
   b. Identify the options for handling metrics that are not included in any group
   c. Describe the functionality in the settings for organizing group views

d. Identify the business purpose of impact diagrams and custom diagrams
e. Identify the methods for linking diagrams to scorecards
f. Identify the types of reports that can be added to metrics and scorecards
g. Describe the objects in the metric studio package that can be used to create Cognos BI reports
h. Describe how Metric Studio default and custom parameters can be used in Cognos BI reports
i. Describe the process of adding a watch list portlet
j. Identify the use of navigation paths and distinguish it from the Home View
k. Identify the conceptual relationship between group type and group

❖ **SECURE THE SCORECARD APPLICATION (4%):**
a. Identify the different permissions
b. Describe the importance of assigning the metric store administrator
c. Describe the nature of permission inheritance

❖ **MAINTAIN THE SCORECARD APPLICATION (8%):**
a. Describe the various import data settings
b. Describe the process of creating user-defined columns
c. Describe the effect of switching from three to five state indicators
d. Describe the effect of creating custom units