



COG-180
IBM Cognos 8 BI Professional

Exam number/code: COG-180
Exam name: IBM Cognos 8 BI Professional
Questions & Answers: 66 Q&A
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Exam: COG-180 Certification Questions & Answers

Question 1:

A user makes the following request: "I need to see the number of flights throughout the year that arrived or departed more than 15 minutes early or late by origin and destination airport, by carrier, and by time of day. I want to see if the number of flights delayed is greater for large carriers or small carriers." Based on this request, the following metrics have been identified: Flight count, and minutes early or late. Large carriers operate significantly more flights than small carriers. Which of the following additional metrics or calculations would provide the MOST value to the user?

- A. Average number of flights 15 minutes early or late
- B. Percentage of flights 15 minutes early or late
- C. Average minutes early or late
- D. Origin/Departure airport count

Answer: B

Question 2:

All of the following are considered part of the analyze phase of a BI development project EXCEPT:

- A. Conduct a readiness assessment
- B. Analyze solution scope
- C. Determine detailed requirements
- D. Create a logical data model

Answer: D

Question 3:

Which of the following issues is Iterative Development specifically designed to address?

- A. The very act of developing a system or solution will change the business requirements.
- B. Users understand their business processes but they don't usually understand application development.
- C. No developed solution will satisfy all users equally.
- D. Users often feel that IT does not understand the business.

Answer: A

Question 4:

Which of the following allows greatest flexibility in formatting but generally has the lowest interactivity with the users?

- A. Analysis
- B. Query
- C. Dashboards
- D. Managed Reports

Answer: D

Question 5:

Which of the following is NOT a critical feature or function of a scorecard?

- A. Targets
- B. Projections
- C. Tolerances
- D. Histories

Answer: B

Question 6:

When considering the differences between Analysis, Reporting, and Querying, which of the following is NOT a user who needs Analysis?

- A. A user who takes answers from one question as a starting point for other questions
- B. A user who needs to understand multiple factors influencing performance
- C. A user who needs to identify and understand trends from multiple perspectives
- D. A user who views detailed data, which is optionally totaled and subtotaled

Answer: D

Question 7:

When a user requests a certain piece of information, the interviewer may ask what the user would do with that information. From the techniques described in the BI Professional Workshop, why is the interviewer asking this particular question?

- A. To determine if the user is allowed access to that particular information and therefore should not be included in his subject area.
- B. To determine if the user understands how the information is functionally used within the organization.
- C. To determine if the information is a security concern and should therefore be made unavailable to other users.
- D. To determine if the information is an actionable item for the user and therefore part of a business requirement.

Answer: D

Question 8:

Which of the following must be moved manually instead of as part of a Cognos 8 deployment package?

- A. report output versions
- B. run history
- C. schedules
- D. system.xml

Answer: D

Question 9:

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After a BI application is placed into production, all of the following are considered part of the process to prepare for the next iteration of the application, EXCEPT:

- A. record and track enhancement requests
- B. communicate with users to insure the application is delivering value
- C. periodically re-apply the V-test model against the developed components
- D. enhance application documentation to reflect errors and omissions

Answer: C

Question 10:

Which Cognos 8 BI architectural component is written in C++?

- A. Batch report service
- B. Job service
- C. Monitoring service
- D. Presentation service

Answer: A

Question 11:

You are tasked with administering the Cognos 8 BI system to perform batch reporting in a way that maximizes the use of available system resources. Given the following information, how many jobs should be created to perform this task?

480 reports must run

6 report processes are available

Each process is configured to use 4 low affinity connections

- A. 20
- B. 24
- C. 48
- D. 12

Answer: A

Question 12:

Which of the following describes a disadvantage of using the dimensionally modeled relational (DMR) technique to access a normalized data structure?

- A. does not allow access to all relational items in Query and Report Studio
- B. may increase the time needed to fetch required data
- C. does not allow access to member functions
- D. may bypass aggregate aware tables

Answer: B

Question 13:

Which statement is true about the BI Bus?

- A. It is the name of the report process that is spawned and viewed in Windows Task Manager when a report execution request is processed.
- B. It monitors all http traffic flowing through the gateways and dispatchers.

- C. It is a set of protocols that govern communications among Cognos 8 BI services.
- D. It uses a JDBC driver to connect to Content Stores in Sybase, SQL Server, Oracle and DB2.

Answer: C

Question 14:

When comparing two differently grained facts directly against one another, the developer must:

- A. either write a union query or two reports that roll both facts up to a common level
- B. either roll up the lower grained fact to the higher level or allocate the higher grained fact to the lower level
- C. declare determinants at multiple levels in the dimensions of a DMR Framework Manager model
- D. ensure that all conformed dimensions shared by the facts have the same number of levels

Answer: B

Question 15:

How are Key Performance Indicators (KPIs) tracked?

- A. By aligning them to strategic and tactical goals and the business objectives of the enterprise.
- B. By comparing them against other KPIs in a balanced scorecard.
- C. By examining anomalies that appear in BI reporting and analysis.
- D. By comparing their values to acceptable minimum and maximum levels of performance against a target.

Answer: D

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