

Vendor: IBM

Exam Code: 000-N07

Exam Name:IBM Optimization Technical Mastery Test

v1

Version: Demo

QUESTION 1
In IBM ILOG CPLEX Optimization Studio, sparse data structures
A. are based on integers only
B. are based on tuples and sets
C. are written in Java
D. All of the above.
Correct Answer: B
QUESTION 2
What does IBM ILOG ODM Enterprise Developer Edition provide?
A. J2EE based IDE
B. CPLEX Optimization Studio functionality
C. Customized configuration of views
D. Rules repository
Correct Answer: B
QUESTION 3
Compared to conventional programming languages, Optimization Programming Language (OPL) does NOT
A. simplify model maintenance
B. simplify model development
C. support non-linear optimization models
D. represent optimization problems descriptively
Correct Answer: C

QUESTION 4

IBM ILOG CPLEX Optimization Studio includes:

B. IBM ILOG BRMS	
C. IBM ILOG CPLEX NLP engine	
D. IBM ILOG Visualization	
Correct Answer: A	
QUESTION 5	
What can you do with IBM ILOG ODM Enterprise during application development?	
A. Can organize and manage projects with data, displays and extensions.	
B. Can define ODM views: Tables, Charts, Pivots and Custom views.Can? define ODM views: Tables, Charts, Pivots and Custom views.	
C. Can automatically create thin client web applications.	
D. All of the above.	
Correct Answer: A	
QUESTION 6	
Models created by IBM ILOG CPLEX Optimization Studio	
A. can not be embedded into applications written in C++	
B. can be embedded into applications using a programming language	
C. can not be embedded into applications written in Java	
D. can support Fortran 77	
Correct Answer: B	
QUESTION 7	
For benchmarking, what does running IBM ILOG CPLEX Optimizers tests on the prospect data allows us to do?	
A. To leverage IBM expertise with CPLEX Optimizers. To leverage IBM? CPLEX Optimizers.	

B. To have less work done by prospect - no need to install CPLEX.

C. To provide quick results - usually 2-3 days.

D. All of the above.

A. IBM ILOG CPLEX Optimizer engine

Correct	Answer:	
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QUESTION 8

Which of the following is *not* a benefit of IBM ILOG CPLEX Optimization Studio to operations research analysts?

- A. Access to leading optimization engines.
- B. Access to leading modeling and debuggubg tools.
- C. Access to predictive models.
- D. Ability to build scalable models.

Correct Answer: C

QUESTION 9

What can you do with IBM LOG ODM Enterprise?

- A. Can develop C++ extension
- B. Can develop Java extension
- C. Can develop .NET extension
- D. All of the above

Correct Answer: B

QUESTION 10

With IBM ILOG CPLEX Optimizers when is it recommended to use the parallel opportunistic mode?

- A. When we need to get repeated runs of the same model.
- B. When we need to take full advantage of parallelism, performing less synchronization.
- C. When we need to maximize the number of used cores.
- D. Both B and C.

Correct Answer: D

QUESTION 11

with IBM ILOG CPLEX Optimizer you do NOT get a connector to
A. Microsoft Excel
B. Microsoft Project
C. Matlab
D. Python
Correct Answer: B

QUESTION 12

What types of problems *can* be solved with IBM ILOG CPLEX Optimizer? What types of problems *can?* be solved with IBM ILOG CPLEX Optimizer?

- A. Linear and Mixed Integer Linear Programs
- B. Quadratic and Mixed Integer Quadratic Programs
- C. Quadratic Constrained Programs
- D. Non-linear programs

Correct Answer: D

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