

Exam Code: 000-649

Exam Name: Rational Software Architect

Vendor: IBM

Version: DEMO

Part: A

1: Which support does RSA provide for RAS artifacts? (Choose three.)

- A.imports RAS artifacts
- B.browses RAS repositories
- C.converts RAS assets into zip files
- D.creates and packages RAS artifacts

Correct Answers: A B D

2: Topic diagrams are defined based on _____.

- A.design patterns
- B.model templates
- C.architectural discovery
- D.a key model element and its relationships

Correct Answers: D

3: How do you add RSA model report templates?

- A.update your RSA install via the Rational Product Updater
- B.create a new RSA plug-in that extends the reporting capabilities
- C.add a new report template to the project that contains the model
- D.create a new report template and add its corresponding report format entry in the reports.manifest file in the reporting plug-in

Correct Answers: D

4: To facilitate modeling, reusable assets can be used to share _____. (Choose four.)

- A.profiles
- B.models
- C.patterns
- D.transformations
- E.JAVA test scripts

Correct Answers: A B C D

5: What indicates the level at which a model can be partitioned?

- A.Class
- B.Method
- C.Diagram
- D.Package

Correct Answers: D

6: Which statement is true about Browse diagrams?

- A.Browse diagrams are saved as .brx files.
- B.You can change the layout of a Browse diagram.
- C.Browse diagrams show all the elements of a given package.
- D.Browse diagrams are driven by parameters and filters that you control.

Correct Answers: D

7: Which statement is true about Deployment Models?

- A. Deployment Models are not supported in Rational Software Architect.
- B. The Enterprise IT Design Model template includes a Deployment Model.
- C. Deployment diagrams can be added to model templates to form Deployment Models.
- D. The Deployment Model template and Analysis Model template both contain Deployment Models.

Correct Answers: C

8: In RSA, which type of combined fragment is used in sequence diagrams to show the details of how one object messages another?

- A. optional fragment
- B. messaging fragment
- C. interaction use fragment
- D. nested sequence fragment

Correct Answers: C

9: Which statement is true about models and UML projects?

- A. A UML project can only contain a single model.
- B. Each UML project must contain a blank model.
- C. A UML project can contain any number of models.
- D. Models can only be added when the UML project is created.

Correct Answers: C

10: When should you consider partitioning a model into multiple files? (Choose two.)

- A. when the model file becomes larger than 1 MB
- B. when there are more than 10 packages in a model
- C. when there are relationships to elements in more than one reference model
- D. when the size or packaging structure of the model becomes unmanageable

Correct Answers: A D

11: Which UML 2.0 diagram type(s) does RSA support?

- A. action diagrams
- B. object diagrams
- C. communication diagrams
- D. composite component diagrams

Correct Answers: C

12: Why are RSA model merge conflicts caused by broken cross-file references, difficult to resolve?

- A. RSA only utilizes UNC pathnames to reference other model files.
- B. RSA must maintain a reference model location registry for all models in a workspace.
- C. RSA manages cross-file references in the Eclipse preferences, which may not be consistent

between users.

D.Cross-file references rely on filenames in the host file system that can be modified outside of the Eclipse environment.

Correct Answers: D

13: Which features does RSA provide to automate the process of publishing a model?

A.a set of Ant tasks that can be inserted into any Ant build script

B.a standalone Eclipse rich client application that just publishes models

C.a perl script and perl library that execute the model report and/or publish functionality

D.a preference setting that indicates that models are to be published anytime the project that contains the model is built

Correct Answers: A

14: For which three views does the Service Design Model contain <<perspective>> packages? (Choose three.)

A.Service

B.Message

C.Viewpoints

D.Collaboration

Correct Answers: A B D

15: A local hub is an object that has many dependencies and many dependents. It is affected when another object is changed. Likewise, when it is changed, other objects are affected. What is the best way to fix this problem?

A.Local hubs should be made global.

B.Local hubs should become interfaces.

C.Local hubs should be removed from the application.

D.Local hubs should be refactored into several smaller classes.

Correct Answers: D

16: In which profile are the class stereotypes <<boundary>>, <<controller>> and <<entity>> made available?

A.the design profile

B.the analysis profile

C.the software services profile

D.the business modeling profile

Correct Answers: B

17: The Enterprise IT Design Model contains a number of top-level packages. Which package contains the <<perspective>> Architectural Layers?

A.Viewpoints

B.Design Contracts

C.Design Building Blocks

D.Implementation Designs

Correct Answers: A

18: A Use-Case Model created from the Use-Case Model template contains a number of packages including a package called versatile Actors.

What should this package contain?

A.all actors

B.all actors that participate in multiple use cases

C.all actors that have yet to be assigned to specific use cases

D.all actors that participate in multiple functional areas of the system

Correct Answers: D

19: What are three valid reasons to perform architectural discovery on existing code? (Choose three.)

A.to find code path coverage from unit tests

B.to discover candidates for services in existing code

C.to ensure that your design is being implemented as you intended

D.to search for reusable components, explore their structure and relationships, and harvest them

Correct Answers: B C D

20: A topic diagram _____. (Choose two.)

A.is editable

B.is automatically generated based upon a user query

C.is manually updated by re-executing the query that generated it

D.explores a specific set of relationships between a group of elements

Correct Answers: B D