

MCQS on Requirement Modelling Approaches

1. Requirement modelling can be done with
 - a) Structured analysis
 - b) Object-oriented analysis
 - c) both a and b
 - d) None of the above
2. Which of the following requirement models contains DFDs.
 - a) Scenario-based models
 - b) class-based models
 - c) behavioural models
 - d) flow-oriented models
3. Usecases are initially written in
 - a) informal narrative fashion
 - b) structured format
 - c) graphical format
 - d) none of the above
4. Which of the following are elements of class-based models
 - a) classes and objects
 - b) CRC models
 - c) collaboration diagrams
 - d) all of the above
5. Classes are identified by looking at the nouns
 - a) true
 - b) false
6. Define the operation for the class that
 - a) manipulate the objects
 - b) enquiry about state of the object
 - c) perform computations
 - d) all of the above
7. Virtual index cards are used in
 - a) class responsibility collaborator model
 - b) class diagram
 - c) collaboration diagram
 - d) none of the above
8. what are used to provide information to fulfil a class responsibility.
 - a) usecases
 - b) collaborators
 - b) states
 - c) none of the above

9. Which of the following diagram is used to represent interactions among classes.

- a) usecase diagram
- b) collaboration diagram
- c) state diagram
- d) sequence diagram

10. Which of the following models follow structured analysis.

- a) Scenario-based models
- b) class-based models
- c) behavioural models
- d) flow-oriented models

Key:

1.c 2.d 3.a 4.d 5.a 6.d 7.a 8.b 9.b 10.d