Test over Analysis and Design

1. Which of the following artifacts are part of the Analysis and Design discipline? (Select all that apply.)
2. Software Architecture Document
3. Navigation Map
4. Service Model
5. Glossary
6. Which artifacts are used to identify analysis classes?
7. User Interface Design
8. Use Case
9. Supplementary Requirements Specification
10. Software Architecture Document
11. One of the purposes of the Analysis and Design discipline is to do which of the following?
12. To transform the requirements into a design of the system to-be
13. To implement and test the prototype of the system to ensure that the design works
14. To ensure that there is an appropriate environment in place to carry out analysis and design activities
15. To ensure that analysis and design activities are carried out as planned
16. Which role is responsible for leading the development of the system's software architecture?
17. Software Architect
18. System Architect
19. Solution Architect
20. Designer
21. Which of the following is accomplished during the Design Services activity? (Select all that apply.)
22. Defining the services
23. Specifying the services
24. Structuring the service-oriented solution
25. Designing service subcomponents
26. An Analysis Model is the abstraction of which of the following models?
27. Logical Model
28. Physical Model
29. Design Model
30. Use-Case Model
31. Which of the following activities is performed within the Analysis and Design disci­pline? (Select all that apply.)
32. Define a Candidate Solution Architecture
33. Design Services and Components
34. Perform Architectural Synthesis
35. Analyze Behavior
36. Use-case analysis is carried out to develop an Analysis-level Use-Case Realization from a Use-Case. This involves which of the following? (Select all that apply.)
37. Identifying the classes that perform a use case's flow of events
38. Distributing the use-case behavior to those classes (using analysis use case realizations)
39. Identifying the responsibilities, attributes, and associations of the classes d. Noting the usage of architectural mechanisms
40. Which role is responsible for designing services?
41. Software Architect
42. Designer
43. System Analyst
44. Service Designer
45. The Software Architecture Document is used to do which of the following?
46. Document the logical architecture of the software system
47. Document and communicate architecturally significant decisions
48. Document all the technical details established by the Software Architect( s)
49. Plan the implementation of the product
50. Which of the following is true about the Analysis Mechanism? (Select all that apply.)
51. It represents a pattern that constitutes a common solution to a common problem.
52. It is one of the artifacts produced during Analysis and Design.
53. It may show patterns of collaboration between objects.
54. It helps in reducing the complexity of analysis work.
55. Which of the following is true about use-case realizations? (Select all that apply.)
56. It represents how a use case will be implemented in terms of collaborating objects.
57. It is the same as the use-case model; it just has more details as they relate to implementing use cases.
58. It enables the use cases to be managed separately from their realizations.
59. For each use case in the use-case model, there is a use-case realization.
60. For each use case in a use-case model, what is the number of realizations?
61. One
62. Many
63. Zero or one
64. One or many
65. Which of the following is an artifact used in the real-time systems? (Select all that apply.)
66. Capsule
67. Event
68. Protocol
69. Signal