

1. What is the primary focus of the Agile Manifesto?

- a) Comprehensive documentation
- b) Following a strict plan
- c) Responding to change and delivering working software
- d) Adhering to predetermined contracts

Answer: c) Responding to change and delivering working software

Explanation: The Agile Manifesto prioritizes responding to change over following a rigid plan. It emphasizes delivering working software frequently and collaborating with customers to accommodate changes in requirements.

2. Which of the following is NOT one of the Agile Manifesto values?

- a) Individuals and interactions over processes and tools
- b) Working software over comprehensive documentation
- c) Contract negotiation over customer collaboration
- d) Responding to change over following a plan

Answer: c) Contract negotiation over customer collaboration

Explanation: The Agile Manifesto values customer collaboration over contract negotiation. It emphasizes the importance of continuous engagement with customers to understand and fulfill their needs.

3. Which Agile principle emphasizes the importance of face-to-face communication?

- a) Deliver working software frequently
- b) Welcome changing requirements, even late in development
- c) Business people and developers must work together daily
- d) Build projects around motivated individuals

Answer: c) Business people and developers must work together daily

Explanation: This principle highlights the significance of regular interaction between business stakeholders and development teams to ensure alignment and effective communication.

4. What is one of the primary challenges in implementing Agile methodologies?

- a) Lack of customer involvement
- b) Excessive documentation
- c) Strict adherence to plans
- d) Resistance to change

Answer: d) Resistance to change

Explanation: Resistance to change is a common challenge in implementing Agile methodologies, as it requires individuals and organizations to adopt new practices and mindsets.

5. Which Agile development model emphasizes adaptability through iterative and incremental development cycles?

- a) Scrum
- b) Extreme Programming (XP)

- c) Feature Driven Development (FDD)
- d) Crystal

Answer: a) Scrum

Explanation: Scrum emphasizes iterative and incremental development cycles, allowing teams to adapt to changing requirements and feedback.

6. In Extreme Programming (XP), what practice involves pairing programmers to write code together?

- a) Test-driven development (TDD)
- b) Pair programming
- c) Continuous integration
- d) Collective code ownership

Answer: b) Pair programming

Explanation: Pair programming in Extreme Programming (XP) involves two programmers working together at one workstation to write code, share knowledge, and ensure code quality.

7. Which Agile development model focuses on creating small, client-valued features in short iterations?

- a) Scrum
- b) Extreme Programming (XP)
- c) Feature Driven Development (FDD)

d) Kanban

Answer: c) Feature Driven Development (FDD)

Explanation: FDD emphasizes creating small, client-valued features in short iterations, allowing for regular delivery of functionality to users.

8. Which Agile model emphasizes the importance of team communication and adapting to the project's unique characteristics?

- a) Scrum
- b) Extreme Programming (XP)
- c) Crystal
- d) Lean Software Development

Answer: c) Crystal

Explanation: Crystal methodologies emphasize team communication and adapting practices to fit the unique characteristics of each project.

9. What Agile methodology aims to visualize work, limit work in progress, and maximize efficiency?

- a) Scrum
- b) Extreme Programming (XP)
- c) Kanban
- d) Lean Software Development

Answer: c) Kanban

Explanation: Kanban focuses on visualizing work, limiting work in progress, and maximizing efficiency by making workflow processes more transparent and manageable.

10. In Lean Software Development, what is the primary focus concerning waste reduction?

- a) Elimination of unnecessary features
- b) Minimization of documentation
- c) Reduction of team size
- d) Streamlining development processes

Answer: d) Streamlining development processes

Explanation: Lean Software Development emphasizes streamlining development processes to reduce waste, improve efficiency, and deliver value to customers more effectively.

11. What is a key aspect of Lean Software Development concerning customer satisfaction?

- a) Prioritizing comprehensive documentation
- b) Minimizing feedback loops
- c) Delivering value quickly
- d) Adhering strictly to plans

Answer: c) Delivering value quickly

Explanation: Lean Software Development prioritizes delivering value to customers quickly by focusing on the most critical features and minimizing waste in the development process.

12. Which Agile methodology prioritizes continuous improvement through regular retrospectives?

- a) Scrum
- b) Extreme Programming (XP)
- c) Crystal
- d) Lean Software Development

Answer: a) Scrum

Explanation: Scrum emphasizes continuous improvement through regular retrospectives, where teams reflect on their processes and identify areas for enhancement.

13. What aspect of Extreme Programming (XP) focuses on writing automated tests before writing code?

- a) Pair programming
- b) Continuous integration
- c) Test-driven development (TDD)
- d) Collective code ownership

Answer: c) Test-driven development (TDD)

Explanation: Test-driven development (TDD) in Extreme Programming (XP) involves writing automated tests before writing code, guiding the development process and ensuring code quality.

14. Which Agile principle emphasizes the importance of maintaining a sustainable pace of

work?

- a) Deliver working software frequently
- b) Welcome changing requirements, even late in development
- c) Business people and developers must work together daily
- d) Build projects around motivated individuals

Answer: d) Build projects around motivated individuals

Explanation: This principle highlights the importance of fostering a sustainable pace of work and ensuring the well-being of team members to maintain long-term productivity.

15. Which Agile methodology focuses on adapting to changes in real-time and minimizing work in progress?

- a) Scrum
- b) Extreme Programming (XP)
- c) Kanban
- d) Lean Software Development

Answer: c) Kanban

Explanation: Kanban methodology focuses on adapting to changes in real-time and minimizing work in progress, providing flexibility and efficiency in managing tasks and workflows.

Related posts:

1. Agile Projects MCQs
2. Introduction to Scrum MCQs
3. Introduction to Extreme Programming (XP) MCQs
4. Agile Software Design and Development MCQs
5. Introduction to Energy Science MCQ
6. Ecosystems MCQ
7. Biodiversity and its conservation MCQ
8. Environmental Pollution mcq
9. Social Issues and the Environment MCQ
10. Field work mcq
11. Discrete Structure MCQ
12. Set Theory, Relation, and Function MCQ
13. Propositional Logic and Finite State Machines MCQ
14. Graph Theory and Combinatorics MCQ
15. Relational algebra, Functions and graph theory MCQ
16. Data Structure MCQ
17. Stacks MCQ
18. TREE MCQ
19. Graphs MCQ
20. Sorting MCQ
21. Digital Systems MCQ
22. Combinational Logic MCQ
23. Sequential logic MCQ
24. Analog/Digital Conversion, Logic Gates, Multivibrators, and IC 555 MCQ
25. Introduction to Digital Communication MCQ



26. Introduction to Object Oriented Thinking & Object Oriented Programming MCQ
27. Encapsulation and Data Abstraction MCQ
28. MCQ
29. Relationships - Inheritance MCQ
30. Polymorphism MCQ
31. Library Management System MCQ
32. Numerical Methods MCQ
33. Transform Calculus MCQ
34. Concept of Probability MCQ
35. Algorithms, Designing MCQ
36. Study of Greedy strategy MCQ
37. Concept of dynamic programming MCQ
38. Algorithmic Problem MCQ
39. Trees, Graphs, and NP-Completeness MCQ
40. The Software Product and Software Process MCQ
41. Software Design MCQ
42. Software Analysis and Testing MCQ
43. Software Maintenance & Software Project Measurement MCQ
44. Computer Architecture, Design, and Memory Technologies MCQ
45. Basic Structure of Computer MCQ
46. Computer Arithmetic MCQ
47. I/O Organization MCQ
48. Memory Organization MCQ
49. Multiprocessors MCQ
50. Introduction to Operating Systems MCQ
51. File Systems MCQ
52. CPU Scheduling MCQ

- 53. Memory Management MCQ
- 54. Input / Output MCQ
- 55. Operating Systems and Concurrency
- 56. Software Development and Architecture MCQ
- 57. Software architecture models MCQ
- 58. Software architecture implementation technologies MCQ
- 59. Software Architecture analysis and design MCQ
- 60. Software Architecture documentation MCQ
- 61. Introduction to Computational Intelligence MCQ
- 62. Fuzzy Systems MCQ
- 63. Genetic Algorithms MCQ
- 64. Rough Set Theory MCQ
- 65. Introduction to Swarm Intelligence, Swarm Intelligence Techniques MCQ
- 66. Neural Network History and Architectures MCQ
- 67. Autoencoder MCQ
- 68. Deep Learning MCQs
- 69. RL & Bandit Algorithms MCQs
- 70. RL Techniques MCQs
- 71. Review of traditional networks MCQ
- 72. Study of traditional routing and transport MCQ
- 73. Wireless LAN MCQ
- 74. Mobile transport layer MCQ
- 75. Big Data MCQ
- 76. Hadoop and Related Concepts MCQ
- 77. Hive, Pig, and ETL Processing MCQ
- 78. NoSQL MCQs Concepts, Variations, and MongoDB
- 79. Mining social Network Graphs MCQ

80. Mathematical Background for Cryptography MCQ
81. Cryptography MCQ
82. Cryptographic MCQs
83. Information Security MCQ
84. Cryptography and Information Security Tools MCQ
85. Data Warehousing MCQ
86. OLAP Systems MCQ
87. Introduction to Data& Data Mining MCQ
88. Supervised Learning MCQ
89. Clustering & Association Rule mining MCQ
90. Machine Learning Fundamentals MCQs
91. Neural Network MCQs
92. CNNs MCQ
93. Reinforcement Learning and Sequential Models MCQs
94. Machine Learning in ImageNet Competition mcq
95. Computer Network MCQ
96. Data Link Layer MCQ
97. MAC Sub layer MCQ
98. Network Layer MCQ
99. Transport Layer MCQ
100. Raster Scan Displays MCQs
101. 3-D Transformations MCQs
102. Visualization MCQ
103. Multimedia MCQs
104. Introduction to compiling & Lexical Analysis MCQs
105. Syntax Analysis &Syntax Directed Translation MCQs
106. Type Checking & Run Time Environment MCQs

107. Code Generation MCQs
108. Code Optimization MCQs
109. INTRODUCTION Knowledge Management MCQs
110. Organization and Knowledge Management MCQs
111. Telecommunications and Networks in Knowledge Management MCQs
112. Components of a Knowledge Strategy MCQs
113. Advanced topics and case studies in knowledge management MCQs
114. Conventional Software Management MCQs
115. Software Management Process MCQs
116. Software Management Disciplines MCQs
117. Rural Management MCQs
118. Human Resource Management for rural India MCQs
119. Management of Rural Financing MCQs
120. Research Methodology MCQs
121. Research Methodology MCQs
122. IoT MCQs
123. Sensors and Actuators MCQs
124. IoT MCQs: Basics, Components, Protocols, and Applications
125. MCQs on IoT Protocols
126. IoT MCQs
127. INTRODUCTION Block Chain Technologies MCQs
128. Understanding Block chain with Crypto currency MCQs
129. Understanding Block chain for Enterprises MCQs
130. Enterprise application of Block chain MCQs
131. Block chain application development MCQs
132. MCQs on Service Oriented Architecture, Web Services, and Cloud Computing
133. Utility Computing, Elastic Computing, Ajax MCQs

134. Data in the cloud MCQs
135. Cloud Security MCQs
136. Issues in cloud computing MCQs
137. Introduction to modern processors MCQs
138. Data access optimizations MCQs
139. Parallel Computing MCQs
140. Efficient Open MP Programming MCQs
141. Distributed Memory parallel programming with MPI MCQs
142. Review of Object Oriented Concepts and Principles MCQs.
143. Introduction to RUP MCQs.
144. UML and OO Analysis MCQs
145. Object Oriented Design MCQs
146. Object Oriented Testing MCQs
147. CVIP Basics MCQs
148. Image Representation and Description MCQs
149. Region Analysis MCQs
150. Facet Model Recognition MCQs
151. Knowledge Based Vision MCQs
152. Game Design and Semiotics MCQs
153. Systems and Interactivity Understanding Choices and Dynamics MCQs
154. Game Rules Overview Concepts and Case Studies MCQs
155. IoT Essentials MCQs
156. Sensor and Actuator MCQs
157. IoT Networking & Technologies MCQs
158. MQTT, CoAP, XMPP, AMQP MCQs
159. IoT MCQs: Platforms, Security, and Case Studies
160. MCQs on Innovation and Entrepreneurship

161. Innovation Management MCQs
162. Stage Gate Method & Open Innovation MCQs
163. Innovation in Business: MCQs
164. Automata Theory MCQs
165. Finite Automata MCQs
166. Grammars MCQs
167. Push down Automata MCQs
168. Turing Machine MCQs
169. Database Management System (DBMS) MCQs
170. Relational Data models MCQs
171. Data Base Design MCQs
172. Transaction Processing Concepts MCQs
173. Control Techniques MCQs
174. DBMS Concepts & SQL Essentials MCQs
175. DESCRIPTIVE STATISTICS MCQs
176. INTRODUCTION TO BIG DATA MCQ
177. BIG DATA TECHNOLOGIES MCQs
178. PROCESSING BIG DATA MCQs
179. HADOOP MAPREDUCE MCQs
180. BIG DATA TOOLS AND TECHNIQUES MCQs
181. Pattern Recognition MCQs
182. Classification Algorithms MCQs
183. Pattern Recognition and Clustering MCQs
184. Feature Extraction & Selection Concepts and Algorithms MCQs
185. Pattern Recognition MCQs
186. Understanding Cybercrime Types and Challenges MCQs
187. Cybercrime MCQs

- 188. Cyber Crime and Criminal justice MCQs
- 189. Electronic Evidence MCQs
- 190. Satellite and Earth Segment MCQs
- 191. PHYSIOLOGY AND TRANSDUCERS mcqs
- 192. AC Voltage Controllers MCQs
- 193. Microwave Semiconductor Devices MCQs
- 194. BCH and Convolutional Codes MCQs
- 195. Cochannel interference reduction MCQs
- 196. IOT Design methodology MCQs
- 197. Optical Communication MCQs
- 198. LTE systems MCQS
- 199. Compression & Image Watermarking MCQs
- 200. Transducer MCQs