

03/05/22 Cohort - Week 4 (Chapter 5): Agile Methodology - Knowledge Review


Please ensure that you have read the correct chapters of Agile and Business Analysis before completing this quiz.

There is no time limit to completing this knowledge review.

You will be given a score once you click submit - this will also be recorded against your HLT for this week.

* Required

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1. Enter your name: *

Enter your answer

2. Waterfall approaches produce comprehensive statements of requirements as a starting point. *

(1 Point)

☐ True

☐ False

3. What are the five rules of XP? *

(5 Points)

☐ Designing

- ☐ Reviewing
- ☐ Consulting
- ☐ Managing
- ☐ Coding
- ☐ Implementing
- ☐ Planning
- ☐ Testing

4. In Service Thinking, the co-creation of value takes place in which two ways? *
(2 Points)

- ☐ The business adopts a pro-value approach and assigns a value to their proposition.
- ☒ The customer accesses and uses the delivered service (which could be services or goods) in such a way as to gain the proposed value.
- ☐ The seller/creator attributes a value that is agreed by mutual exchange of money.
- ☒ The customer helps the organisation to understand the nature and characteristics required from the service.

5. Place the elements of the Business Analysis Maturity Model into the correct order, based on the starting element being first: *
(3 Points)

- 1 System Improvement
- 2 Process Improvement
- 3 Business Improvement

6. Agile software development is based on: *

(2 Points)

- ☒ Iterative development
- ☐ Defining end objectives from the outset
- ☒ Incremental delivery life cycle approach
- ☐ Comprehensive planning

7. What does TUBE stand for? *

(1 Point)

- ☐ Testable, Uniform, Browsable and Evidenced
- ☐ Testable, Uniform, Browsable and Explainable
- ☐ Testable, Understandable, Browsable and Explainable

8. Place the four phases of UP into chronological order (top being first): *

(4 Points)

Construction

Transition

Elaboration

Inception

9. What are the Three Pillars of Scrum? *

(3 Points)

- ☐ Implementation
- ☐ Inspection
- ☐ Adaptation
- ☐ Construction
- ☐ Transparency
- ☐ Consultation

10. What are the five values described by XP as essential to software improvement: *
(5 Points)

- ☐ Courage
- ☐ Resilience
- ☐ Honesty
- ☐ Feedback
- ☐ Iteration
- ☐ Communication
- ☐ Respect
- ☐ Design
- ☐ Integrity
- ☐ Simplicity

11. What are the three key elements of systems thinking? *
(3 Points)

- ☐ The properties that emerge from the formed system
- ☐ The proposed solution and where to find it

- ☐ The underlying rationale for the system under investigation
- ☐ The ability to think in a systemic way
- ☐ The interrelated elements that conduct the work of the system

12. Kanban is an agile method. *

(1 Point)

- ☒ True
- ☐ False

13. Agile teams must contain all the skills necessary to move from a high-level business need through to delivering outcomes that demonstrate value to the business. This is referred to as: *

(2 Points)

- ☒ Cross-functional
- ☐ Comprehensive planning
- ☒ Multi-disciplinary
- ☐ Knowledge awareness

14. Place the stages of the DSDM life cycle into chronological order (top being first): *

(6 Points)

- 1 Pre-project
- 2 Feasibility
- 3 Foundations
- 4 Evolutionary development

5 Deployment

6 Post-project

15. Place the steps of the Business Analysis process model into the correct order (with the top being the start): *
(5 Points)

1 Investigate situation

2 Analyse needs

3 Evaluate options

4 Define requirements

5 Deliver changes

16. Which one of these is NOT a Sprint rule? *
(1 Point)

- ☐ No changes are permitted that can endanger the sprint goal.
- ☐ Quality goals cannot decrease.
- ☐ The product owner must never cancel a sprint.

17. Place the four key scrum events into chronological order (top being first): *
(4 Points)

Sprint planning

Daily Scrum

Sprint review

Sprint retrospective

18. In DSDM, who is responsible for representing the needs of the business users and providing communication between the business and the project? *

(1 Point)

- ☐ Business ambassador
- ☐ Business sponsor
- ☐ Business analyst
- ☐ Business visionary

19. Which two criteria define business agility? *

(2 Points)

- ☒ Ability of an organisation to be responsive to forces within the business environment
- ☐ Ensuring you follow all company policies rigidly
- ☐ Providing good HR functions
- ☒ Be adaptable when change is required

20. What are six of the key elements in Agile methods? *

(6 Points)

- ☐ Providing and leading on a definitive plan

- ☐ A list of work to be done
- ☐ Providing specific job descriptions for employees
- ☐ A whole team mindset
- ☐ Transparency and sharing progress
- ☐ Regular reviews of progress
- ☐ Defining end-to-end processes
- ☐ Iterative development
- ☐ High levels of customer involvement

21. Scrum methodology is based on: *
(1 Point)

- ☐ Empirical process control theory
- ☐ Consultative theory of design
- ☐ Constructive theory of implication

22. What are the three Scrum artefacts? *
(3 Points)

- ☐ Increment
- ☐ Consultation
- ☐ Product backlog
- ☐ Product board
- ☐ Sprint backlog

23. According to Thomas et al. (2012), what are the three additional characteristics of a team? *

(3 Points)

- ☐ Respect
- ☐ Structure
- ☒ Communication
- ☒ Co-operation
- ☒ Cohesion
- ☐ Hierarchy

24. Place the elements of the Six Sigma process improvement approach into the correct order (the top being first): *

(5 Points)

- 1 Define
- 2 Measure
- 3 Analyse
- 4 Improve
- 5 Control

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