Sample Multiple Choice Questions

1   The despatch department of a mail order book company have run out of small padded envelopes that they use to send books to their customers. Unfortunately, there is a shortage of these envelopes at their supplier and it will be 5 days before they will be available. As a result of this, there is a backlog of 3 days of picked orders that are temporarily stored in the despatch department which cannot be sent to customers until the envelopes arrive.

Which of the following types of Lean waste are there in this scenario?

A   Transport and Over-processing.
B   Inventory and Waiting.
C   Waiting and Defects.
D   Over-production and Motion.

2   The Director of the Information Systems department in a large organisation that traditionally uses a waterfall approach to development is looking to trial Agile development on a small project. The project is for a single, small team to develop the first mobile application for the organisation's employees and whilst the development team are fully competent with the development language, they are not familiar with mobile application development.

The Director has asked the management team to consider which might be an appropriate Agile method to use for this project.
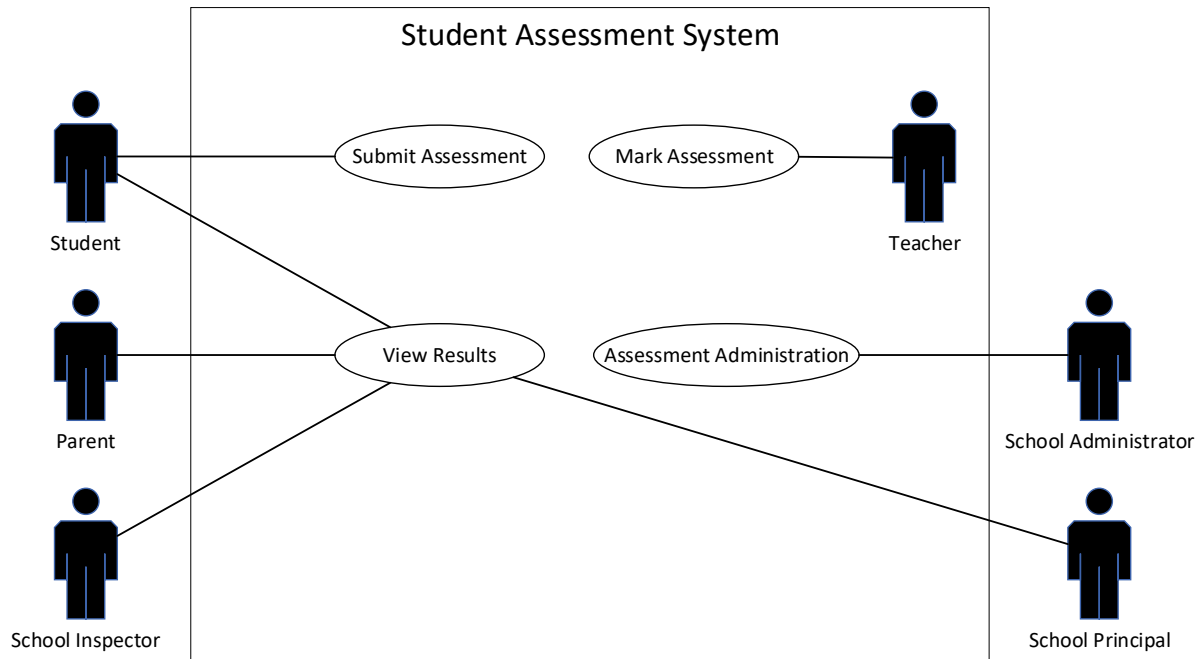Which of the following would be best suited to this project?

A   DSDM.
B   XP.
C   Lean Software Development.
D   SAFe.

3 Dominique is the Head of Recruitment within the Human Resources (HR) department. Following a review of recruitment processes and systems in the organisation, a business transformation project has been initiated. The director of HR, Sarah will be providing the project budget and managing the project finances. Dominique will be the key HR representative on the Agile project and will be responsible for the day to day decisions.

Which of the following roles is Dominique playing on this project?

A Product owner.
B End user.
C Project sponsor.
D Subject matter expert.

4 An initial IT system use case diagram has been developed for a school Student Assessment System.

In reviewing the use case diagram, the business analyst has suggested that the following elements in the diagram could be incorrect:

    i.   The 'Assessment Administration' use case
    ii.   The 'View Results' use case
    iii.   The 'School Administrator' actor
    iv.   The 'Teacher' actor
    v.   The System name (within the boundary)

Which of the following combinations identifies what is incorrect in this diagram?

A   i and iv.
B   ii and iii.
C   i and iii.
D   iii only.

5   A project team is working on the development of a mobile phone-based expenses management system for a national mental health charity. Volunteers currently submit their travel expenses by completing a paper form and sending it with receipts via the post. One of the requirements is to use GPS tracking to automatically and accurately determine mileage for visits which is considered useful but is not a mandatory requirement for the project. The project is nearing completion and this is the final iteration for the project.

Which of the following MoSCoW priorities **SHOULD** be allocated to the automatic GPS tracking requirement for the final iteration?

A M.
B S.
C C.
D W.

6   A small independent photography company has a business goal of providing a scanning and enhancement service to produce premium quality prints from customers old printed photographs, negatives and slides.

The business analyst has decomposed this goal into the following potential sub-goals.
  i.   Buy professional scanner.
  ii.   Produce prints from customers' old photographs.
  iii.   Install scanner
  iv.   Provide photographic enhancement service.
  v.   Produce prints from customers' photographic negatives.

Which of these are valid sub-goals?

A i and iii only.
B ii, iii and v only.
C ii and v only.
D i, iii and iv only.

7   The following user story is being discussed in the Agile team.

011: Customer fingerprint login

As a customer I want to be able to login using my fingerprint reader on my mobile phone so that I can access my account without needing to type my password.

During the conversation it was determined that there is an associated non-functional requirement that if there are 3 failed attempts to login using the fingerprint reader then the customer will need to provide their username and password. This non-functional requirement is specific to this user story.

Requirements could be documented in the following areas.
  i.   User story acceptance criteria for "Customer fingerprint login".
  ii.   Requirements catalogue.
  iii. Use case description for "Customer fingerprint login".
  iv.   A separate user story.

Where should the non-functional requirement be documented?

A   ii or iv.
B   iv only.
C   ii only.
D   i or iii.

8   As part of a university assessment system project, the project team are reviewing the following user story.
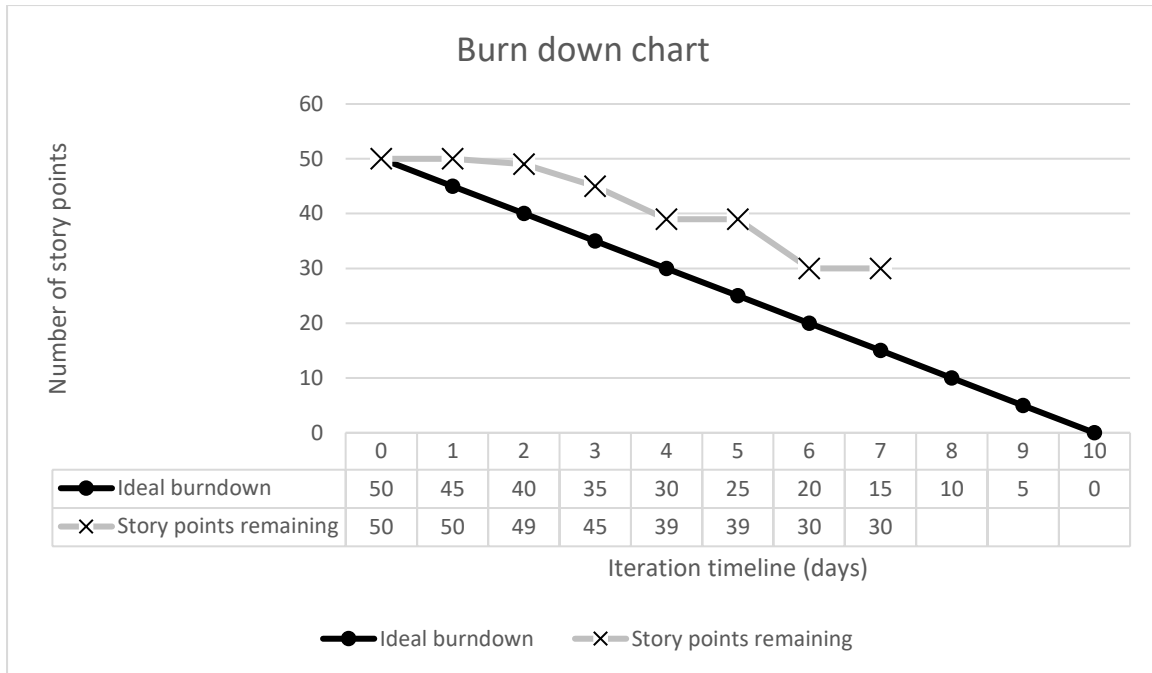
049: Show my exam results on social media

As a student I want to be able to share my exam certificate on social media so that my friends and potential employers can see my achievements.

In the review, it was discussed that there are multiple social media channels that could be used and that no channels had been specified. Which of the INVEST rules for writing a quality user story are not being met?

A   Small and Estimatable.
B   Testable and Independent.
C   Estimatable and Valuable.
D   Valuable and Negotiable.

9   The following burn down chart has been produced showing the situation 7 days through the latest iteration in the project.

Burn down chart

	0	1	2	3	4	5	6	7	8	9	10
Ideal burndown	50	45	40	35	30	25	20	15	10	5	0
Story points remaining	50	50	49	45	39	39	30	30			

Number of story points

Iteration timeline (days)

What does this chart tell us about the current iteration?
- i.   The iteration will not deliver the all the remaining story points by the end of the iteration.
- ii.   No user stories were completed on days 1, 5 and 7.
- iii. The team has completed 30 story points so far in the iteration.
- iv.   No work was done on days 1, 5 and 7.
- v.   There are 30 user story points left to complete in the iteration.

A   i and iv only.
B   ii and iii only.
C   i, iii and iv only.
D   ii and v only.

10   The project team are holding a meeting and during the meeting they discuss the following:

- What went well?
- What didn't go so well?
- What could we do differently next time?
- Actions

Which Agile ceremony does this describe?

A   Show and Tell.
B   Iteration Planning Meeting.
C   Retrospective.
D   Daily stand-up.

Multiple choice question answers

Question	Answer	Question	Answer
1	B	6	C
2	B	7	D
3	A	8	A
4	A	9	D
5	C	10	C