Congratulations! You passed!
TO PASS 100% or higher

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100%

Kanban

TOTAL POINTS 3

1. Which of these are core *properties* of Kanban? (Select all that apply) — 1 / 1 point

- [x] Manage Flow

  Correct
  http://www.everydaykanban.com/what-is-kanban/

- [x] Limit work in progress

  Correct
  Kanban has 5 core properties:

  1. Visualize Workflow
  2. Limit work-in-progress
  3. Measure & Manage Flow
  4. Make Process Policies Explicit
  5. Use Models to Recognize Improvement Opportunities

  http://www.everydaykanban.com/what-is-kanban/

- [x] Visualize the Work

  Correct
  http://www.everydaykanban.com/what-is-kanban/

- [ ] Daily stand-up
- [ ] Retrospectives

2. Which of following is valid on a Kanban Board? Select two. — 1 / 1 point

- [ ] The WIP limit for Step X is 3. Step X is divided into "Doing" and "Done". The number of items in the "Doing" column is 4, and the number of items in the "Done" column is 0.
- [ ] The WIP limit for Step X is 3. Step X is divided into "Doing" and "Done". The number of items in the "Doing" column is 3, and the number of items in the "Done" column is 2.
- [x] The WIP limit for Step X is 3. Step X is divided into "Doing" and "Done". The number of items in the "Doing" column is 2, and the number of items in the "Done" column is 1.

  Correct
  This is valid Kanban board. The total number of items in Step X (2 in "Doing" and 1 in "Done") does not exceed the WIP limit of 3.

- [ ] The WIP limit for Step X is 3. Step X is divided into "Doing" and "Done". The number of items in the "Doing" column is 2, and the number of items in the "Done" column is 1. One of the items in the previous step is done and the developers want to move that item to Step X.
- [x] The WIP limit for Step X is 5. Step X is divided into "Doing" and "Done". The number of items in the "Doing" column is 3, and the number of items in the "Done" column is 1. One of the items in the previous step is done and the developers want to move that item to Step X.

  Correct
  This is a valid Kanban board. The current number of items in Step X, 4 (3 in "Doing" and 1 in "Done") is less than the WIP limit of 5. Adding one more item to Step X will increase the WIP to 5, which is within our limit. Thus, it is fine to move the item to Step X.

3. A software development team just started using Kanban. They had the following columns on their Kanban board, in order from left to right: Backlog, Analysis, Development, Testing, Deployment. Each column has a WIP limit of 3. — 1 / 1 point

There are currently 3 items in testing (3 items being tested). Similarly, there are 3 items in the development column (2 items that are in development and 1 item is done with its development).

One of the developers does not have anything to work on, so the manager wants to add one more item to the development column so the developer looking for work can work on it.

Which of the following are valid next actions in this situation? Select all that apply.

- [x] The team should get together and discuss if they should add another tester to the test team so this bottleneck can be resolved quickly.

  Correct
  This is valid as it adheres to the property of "Manage Flow"; if it makes sense to add people to create smoother flow of work, we should do it.

- [ ] It does not make sense for the developer to wait for items to move out of testing. The manager should add one more item to the development column with no other change needed.
- [x] The manager should ask the developer waiting for work to help the testers so that they can finish one of the items in their column and move it to the deployment column.

  Correct
  This is a valid next action. This can be a good temporary solution if this bottleneck is rare issue and won't occur

frequently.

- [x] The manager should ask deployment team if the done item in testing column can be deployed so there is space move an item from development to testing.

Correct

This is a valid next action. This will allow the developer to work on the new item and still satisfy all the WIP limits.

- [ ] The manager should ask the testers to temporarily move an item from the test column back to the deployment column so that we can move a different item from development to test. Later, we can move the item back from the deployment column to the testing column