**Course Final Assessment (Graded)**

1.Question 1

From the course, what are the viewpoints to achieving better software?



The right product, the right client, and the right developers.



The right product, done right, and managed right.



The right product, the right process, and the right people.



The right product, the right timing, and the right funding.

**ANSWER:** (b) The right product, done right, and managed right.

2.Question 2

To achieve better software, one viewpoint aims to have the right product. What does having the right product mean?



The product functionality does not have defects.



The developers are satisfied with the product.



The client is satisfied that the product meets their needs.



The product conforms to the specified requirements.

**ANSWER:** (c) The client is satisfied that the product meets their needs.

3.Question 3

When we have the right software product, we say the software product is \_\_\_\_.



certified



verified



validated

**ANSWER:** (c) validated

4.Question 4

To achieve better software, another viewpoint aims to have the product done right. What ways can developers achieve that? Choose two of the following:



Developers show the product to the client to see if it meets their needs.



Developers run tests to check whether the product conforms to the specified requirements.



Developers request a list of requirements from the client.



Developers review the requirements so that they are clear and consistent.

**ANSWER:** (b) Developers run tests to check whether the product conforms to the specified requirements.

(d) Developers review the requirements so that they are clear and consistent.

5.Question 5

What is the primary agile principle that can lead to better software products and project success?



The customer is satisfied with the early and continuous delivery of valuable software.



Information is conveyed effectively in the development team through instant messaging.



Working software is delivered every six months to allow time for more changes.



The best designs emerge from teams that follow a visionary leader.

**ANSWER:** (a) The customer is satisfied with the early and continuous delivery of valuable software.

6.Question 6

The Manifesto for Agile Software Development puts more value on:



customer collaboration, responding to change, and comprehensive documentation.



individuals and interactions, working software, and following a plan.



responding to change, individuals and interactions, and working software.



working software, customer collaboration, and processes and tools.

**ANSWER:** (c) responding to change, individuals and interactions, and working software.

7.Question 7

When the Manifesto for Agile Software Development says it values responding to change over following a plan, it means



plans can change, so they have less value.



responding to change is valued more than following a plan.



plan for change for more value.



changing plans are valued more.

**ANSWER:** (b) responding to change is valued more than following a plan.

8.Question 8

As an Agile principle, what is harnessed for the customer’s competitive advantage?



simplicity



change



valuable software



motivated individuals

**ANSWER:** (b) change

9.Question 9

What does a software process organize?



It organizes how the work of people is assisted with software to develop products.



It organizes how software products help people to do work in phases.



It organizes how the work of people happens in distinct phases to develop a software product.



It organizes how software operates on information in distinct phases.

**ANSWER:** (c) It organizes how the work of people happens in distinct phases to develop a software product.

10.Question 10

In this specialization, what are software requirements?



They are specific hardware that the software needs to run.



They are specific descriptions of your client’s needs.



They are specific descriptions of what your client needs in order to run the software.



They are specific descriptions of what your client wants.

**ANSWER:** (b) They are specific descriptions of your client’s needs.

11.Question 11

Clear expressions of software requirements are important to help \_\_\_\_\_.



the client express themselves clearly



ensure the software requirements are legible by those with poor eyesight



produce transparent effects in the user interface of a software product



avoid confusion between the client and developers

**ANSWER:** (d) avoid confusion between the client and developers

12.Question 12

Planning initially involves using information from \_\_\_ for developers to devise needed tasks and make time estimates.



schedules



requirements



delivery targets



calendars

**ANSWER:** (b) requirements

13.Question 13

What are direct benefits or outcomes of using planning?



risks are managed; plans are fixed; tasks are assigned



risks are identified; risks are monitored; overcommitment can be avoided



tasks are determined; tasks are assigned; schedules are created



requirements are defined; task times are estimated; tasks are assigned

**ANSWER:** (c) tasks are determined; tasks are assigned; schedules are created

14.Question 14

You need to effectively monitor, analyze, and review the progress of your project, so you:



can boost morale before crunch time comes.



use your gut feelings to assess the project status.



track ongoing work to ensure management knows the status.



monitor velocity to help in continuously adjusting plans.

**ANSWER:** (d) monitor velocity to help in continuously adjusting plans.