

Completed on 11/11/2020

Time taken 44 mins 35 secs

Marks 21/31

Grade 20 out of 30 (68%)

Question 1

Incorrect

Mark 0 out of 1

[Flag question](#)

The degree to which a system, component, or process meets the customer or user needs or expectations, which are the specified functional and non-functional requirements is called:

- ☐ a. Software Validation
- ☒ b. SQA ✗
- ☐ c. Software Quality
- ☐ d. Software Testing

The correct answer is:
Software Quality

Question 28

Correct

Mark 1 out of 1

[Flag question](#)

The correct answer is: All of the above

The factors included in McCall's factor model are grouped into categories namely:

Select one:

- ☐ a. Operation, Revision, Reusability
- ☐ b. Correctness, Reliability, Efficiency
- ☒ c. Operation, Revision, Transition ✓
- ☐ d. Operation, Revision, Transition, Testability

The correct answer is: Operation, Revision, Transition

[Finish review](#)

Question 27

Correct

Mark 1 out of 1

 [Flag question](#)

The project needs development and quality plans that are

Select one:

- ☐ a. based on proposal materials
- ☐ b. more comprehensive than the approved proposal
- ☐ c. Include additional subjects, absent from the approved proposal.
- ☒ d. All of the above ✓

The correct answer is: All of the above

Question 28

The factors included in the project plan are

Question 26

Correct

Mark 1 out of 1

[Flag question](#)

Components are needed in order to assure the quality of the software development process and the maintenance services include:

Select one:

- ☐ a. QA
- ☐ b. SQA
- ☐ c. Documentations
- ☒ d. All of the above ✓

The correct answers are: Documentations, All of the above

Question 27

The project needs development

Question 25

Incorrect

Mark 0 out of 1

[Flag question](#)

deal with those requirements that affect the complete range of software maintenance activities

Select one:

- ☒ a. Product transition factors ✖
- ☐ b. Product development factors
- ☐ c. Products operation factors
- ☐ d. None of the above

The correct answer is: None of the above

Question 26

Correct

Components are needed in order to assure the quality of the software development

The correct answer is: Operation, Revision, Transition

Question 24

Incorrect

Mark 0 out of 1

[Flag question](#)

Example of flexibility requirements is

Select one:

- ☐ a. Processing power (MIPS, MHz)
- ☒ b. All of the above ✖
- ☐ c. None of the above
- ☐ d. Storage capacity (GBytes, TBytes)

The correct answer is: None of the above

Question 25

Incorrect

deal with those requirements that affect the complete range of software maintenance activities

Question 23

Incorrect

Mark 0 out of 1

[Flag question](#)

The 11 factors included in McCall's factor model are grouped into three categories namely

Select one:

- ☐ a. Operation, Revision, Transition
- ☐ b. Operation, Revision, Reusability
- ☒ c. Maintainability, Flexibility, Testability ✖
- ☐ d. Correctness, Reliability, Efficiency

The correct answer is: Operation, Revision, Transition

Question 24

Incorrect

Example of flexibility requirements is

Question 22

Correct

Mark 1 out of 1

[Flag question](#)

Dimensions for correctness factor include

Select one:

- a. The output mission
- b. The required accuracy of those outputs
- c. The completeness of the output information
- d. All of the above ✓

The correct answer is: All of the above

None of the above

Question 21

Incorrect

Mark 0 out of 1

[Flag question](#)

The main objective of the Peer review process is

Select one:

- ☐ a. to issue the DR report
- ☒ b. To detect deviations from SQA procedures and methodology ✖
- ☐ c. to detect as many design and programming faults as possible
- ☐ d. To suggest improvements to SQA components.

The correct answer is: to detect as many design and programming faults as possible

Question 22

Correct

Dimensions for correctness factor include

Question 20

Incorrect

Mark 0 out of 1

Flag
question

Design review activities include:

Select one:

- ☒ a. All of the above ✖
- ☐ b. Evaluation of the professional staff's capacity to carry out the proposed project
- ☐ c. Clarification and documentation of the customer's requirements
- ☐ d. Review of the project's schedule and resource requirement estimates
- ☐ e. None of the above

The correct answer is:

None of the above

Question 21

Incorrect

The main objective of the Peer review process is



Question 19

Correct

Mark 1 out of 1

[Flag question](#)

You should applied the SQA actions in your graduation project.

Select one:

- ☐ True
- ☒ False ✓

The correct answer is 'False'.

Question 20

Incorrect

Design review activities include:



Question 18

Correct

Mark 1 out of 1

[Flag question](#)

Software quality can be seen from different perspectives Complete requirement is the :

- ☐ a. Project manager
- ☐ b. Maintenance engineer
- ☒ c. Customer ✓
- ☐ d. User

The correct answer is:

Customer



Home Dashboard My courses

Question 16

Correct

Mark 1 out of 1

[Flag question](#)

_____ deals with the adaptation of software to other environments and its interaction with

Select one:

- ☒ a. Product transition factors ✓
- ☐ b. Product development factors
- ☐ c. Product revision factors
- ☐ d. Products operation factors

The correct answer is: Product transition factors

Question 17

Correct

Mark 1 out of 1

[Flag question](#)

_____ supports quality assessment efforts by introducing additional external capabilities into the organization's in-house development process

Select one:

- ☒ a. Expert opinion ✓
- ☐ b. Formal Design Review
- ☐ c. Peer review
- ☐ d. All of the above

Question 14

Incorrect

Mark 0 out of 1

Flag
question

The main issues treated in quality plan are:

Select one:

- ☐ a. Required manpower and hardware resources
- ☐ b. None of the above
- ☐ c. Risk evaluations
- ☒ d. Schedules ✖

The correct answer is: None of the above

Question 15

Correct

Mark 1 out of 1

Flag
question

the human components include

Select one:

- ☐ a. Software testing personnel
- ☐ b. The organization's management
- ☐ c. SQA units
- ☒ d. All of the above ✔

Question 12

Incorrect

Mark 0 out of 1

[Remove flag](#)

_____ is formal SQA components that are used to review the actual running of the software:

Select one:

- ☐ a. Software testing
- ☐ b. Functionality improvement maintenance
- ☒ c. Peer review ✖
- ☐ d. Adaptive maintenance

The correct answer is: Software testing

Question 13

Correct

Mark 1 out of 1

[Flag question](#)

the results of the DR report are

Select one:

- ☐ a. Immediate approval
- ☐ b. Conditional approval
- ☐ c. Additional DR is required
- ☒ d. All of the above ✔

Question 11

Incorrect

Mark 0 out of 1

[Flag question](#)

The main components of The development life cycle stage are

Select one:

- ☐ a. All of the above
- ☐ b. Software testing
- ☒ c. Reviews ✖
- ☐ d. Expert opinions

The correct answer is: All of the above

Question 12

Incorrect

Mark 0 out of 1

_____ is formal SQA components that are used to review the actual running of the software:

The correct answer is: Work instructions

Question 10

Correct

Mark 1 out of 1

[Flag question](#)

The main components of software project life cycle component are:

Select one:

- ☐ a. Software testing
- ☐ b. Expert opinions
- ☐ c. Reviews
- ☒ d. All of the above ✓

The correct answer is: All of the above

Question 11

Incorrect

The main components of The development life cycle stage are

Question 8

Correct

Mark 1 out of 1

Flag

question

Contract review activities include:

Select one:

- ☐ a. Evaluation of the professional staff's capacity to carry out the proposed project
- ☒ b. All of the above ✓
- ☐ c. Review of the project's schedule and resource requirement estimates
- ☐ d. Clarification and documentation of the customer's requirements

The correct answer is: All of the above

Question 9

Correct

Mark 1 out of 1

Flag

question

_____ provide detailed directions for the use of methods that are applied in unique instances and employed by specialized teams

Select one:

- ☐ a. QA procedures
- ☐ b. Configuration management
- ☒ c. Work instructions ✓
- ☐ d. None of the above

Question 6

Correct

Mark 1 out of 1

Flag
question

Some software faults end with software failures

Select one:

- ☒ True ✓
☐ False

The correct answer is 'True':

Question 7

Correct

Mark 1 out of 1

Flag
question

Software tests examine:

Select one:

- ☒ a. All of the above ✓
☐ b. Integration
☐ c. Entire system
☐ d. Modules

Question 4

Correct

Mark 1 out of 1

[Flag question](#)

Defects in software products can be detected by sight

Select one:

- ☐ True
- ☒ False ✓

The correct answer is 'False'.

Question 5

Correct

Mark 1 out of 1

[Flag question](#)

Quality assurance activities are part of the total range of quality control activities

Select one:

- ☐ True
- ☒ False ✓

Question 3

Correct

Marked as correct

100%

100%

Classify this errors to The causes of software errors which can be further classified as follows according to the stages of the software development process in which they occur.

Absence of vital requirements.

Faulty requirements definition

100%

✓

Definitions that represent software requirements by means of erroneous algorithms

Logical design errors

100%

✓

Omission of software functions

Deliberate deviations from software requirements

100%

✓

Failures to document and report detected errors and faults

Documentation errors

100%

✓

The correct answer is



Question 2

Incorrect

Mark 0 out of 1

[Flag question](#)

Software quality

A systematic, planned set of actions necessary to provide adequate confidence that the software development process or the maintenance process of a software system product conforms to established functional and non functional requirements, is called:

- ☐ a. Software Validation
- ☐ b. SQA
- ☒ c. Software Quality ✖
- ☐ d. Software Testing

The correct answer is:

SQA

Question 3

Classify this errors to The causes of soft...