

Question No: 1 (Marks: 1) - Please choose one

A law affirming that to continue after a certain level of performance has been reached will result in a decline in effectiveness. This law is known as _____

- ▶ **Law of Diminishing returns** [click here for detail](#)
- ▶ Law of effectiveness
- ▶ Law of Saturation
- ▶ Law of Marketing returns

Question No: 2 (Marks: 1) - Please choose one

_____ is not the construction part of software development activities.

- ▶ Requirement gathering
- ▶ Testing
- ▶ **Configuration Management (Page 8)**
- ▶ Coding

Question No: 3 (Marks: 1) - Please choose one

Basic project management processes are established at _____ level of CMM

- ▶ Chaotic
- ▶ Initial
- ▶ Level 1
- ▶ **Repeatable (Page 12)**

دنیا میں سب سے مشکل کام اپنی اصلاح اور سب سے آسان کام دوسروں پر نکتہ چینی کرنا ہے

Question No: 4 (Marks: 1) - Please choose one

The projects usually don't fail due to

- ▶ ambiguous/incomplete requirements
- ▶ changing customer requirements
- ▶ **the fact that company was not CMM certified (Page 28 - 29)**
- ▶ failure in project management

Question No: 5 (Marks: 1) - Please choose one

_____ is a team organization where there is no permanent leader and task coordinators are appointed for short duration. Decisions on problems and approach are made by group consensus and communication among team is horizontal.

- ▶ **Democratic decentralized (DD) (Page 32)**
- ▶ Controlled decentralized (CD)
- ▶ Synchronous paradigm (SP)
- ▶ Controlled centralized (CC)

Question No: 6 (Marks: 1) - Please choose one

Which of these is not a valid reason for measuring software processes, products, and resources?

- ▶ **to price them** [Click here for detail](#)
- ▶ to improve them
- ▶ to characterize them
- ▶ to evaluate them

Question No: 7 (Marks: 1) - Please choose one

Integrity can be measured by the following formula

- ▶ integrity = (1-threat) x (1-security)
- ▶ integrity = $\sum (1+threat) + (1-security)$
- ▶ **integrity = $\sum [(1-threat) x (1-security)]$ (Page 69)**
- ▶ integrity = $\sum (1-threat) - (1-security)$

Question No: 8 (Marks: 1) - Please choose one

The rapid application development model is

- ▶ Another name for component-based development.
- ▶ A useful approach when a customer cannot define requirements clearly
- ▶ **A high speed adaptation of the linear sequential model. (Page 19)**
- ▶ All of the given

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Question No: 9 (Marks: 1) - Please choose one

An _____ is a user identifiable group of logically related data or control information maintained within the boundary of the application

- ▶ **Internal logical file (ILF) (Page 42)**
- ▶ External Interface file (EIF)
- ▶ External input
- ▶ External Query

Question No: 10 (Marks: 1) - Please choose one

When more than one user interpret the same requirement in different ways then we can say that the requirements are

- None of the given
- Incomplete
- Ambiguous** [Click here for detail](#)
- Incorrect

Question No: 11 (Marks: 1) - Please choose one

Testing and Software Quality Assurance activities are exactly similar activities with different names

- True
- False (Page 69)**

Question No: 12 (Marks: 1) - Please choose one

If an error related to requirements is identified in testing phase, so this error will be considered as an error in _____ phase.

- ▶ Design
- ▶ Code
- ▶ Requirement
- ▶ **Testing**

Question No: 13 (Marks: 1) - Please choose one

Usually the performance of the organization change over-night.

- ▶ True
- ▶ **False** [Click here for detail](#)

برى صحبت سے تنہائی بہتر ہے اور تنہائی سے نیک صحبت بہتر ہے

Question No: 14 (Marks: 1) - Please choose one
Following are the implicit requirement(s) of software?

- ▶ Efficiency
- ▶ Ease of use
- ▶ Maintainability
- ▶ **All of the given (Page 106)**

Question No: 15 (Marks: 1) - Please choose one
If an error related to requirements is identified in Coding, so this error will be considered as an error in _____ phase.

- ▶ Design
- ▶ **Code**
- ▶ Requirement
- ▶ Testing

Question No: 16 (Marks: 1) - Please choose one
While developing the software if the bug is caught then it is termed as

- ▶ Error
- ▶ **Defect (not sure)**
- ▶ Fault
- ▶ Mistake

Question No: 17 (Marks: 1) - Please choose one
Following are the types of Formal Technical Reviews except

- ▶ Inspection
- ▶ **JAD (Page 110)**
- ▶ Walkthrough

Question No: 18 (Marks: 1) - Please choose one
The Review participants should not focus on

- ▶ Work product
- ▶ **Weaknesses of the developer (Page 113)**
- ▶ Time lines
- ▶ Review agenda

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Question No: 19 (Marks: 1) - Please choose one
Review meeting is attended by the following except

- ▶ Review leader
- ▶ All reviewers
- ▶ **CEO (Page 112)**
- ▶ Product Producer

Question No: 20 (Marks: 1) - Please choose one
Which statement is true in the light of Pareto principle?

- ▶ **80% of defects are caused by 20 % of mistakes (Page 114)**
- ▶ 20% of defects are caused by 80 % of mistakes

Question No: 21 (Marks: 1) - Please choose one
Reliability and Safety are same concepts with respect to software quality

- ▶ **True (Page 117)**
- ▶ False

Question No: 22 (Marks: 1) - Please choose one
The prevention of defects being injected into the software can help in decreasing the cost of software.

True
False

Question No: 23 (Marks: 1) - Please choose one
Poka Yoke is the name of a

- ▶ Japanese dish
- ▶ **QA technique (Page 118)**
- ▶ Idiom
- ▶ None of the given

Question No: 24 (Marks: 1) - Please choose one
If a new version of a product is released by fixing the bugs in the previous release then it is termed as ____

- ▶ **Product Update (Page 122)**
- ▶ Product Upgrade
- ▶ Defect Removal
- ▶ Product Performance

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Question No: 25 (Marks: 1) - Please choose one

The Evolution Graph signifies the

- ▶ **version relationship (SE-PRESSMAN, page 260)**
- ▶ baseline of a particular release
- ▶ change control activity
- ▶ all of the given

Question No: 26 (Marks: 1) - Please choose one

In the software development life cycle, soon the defect is detected will results in

increase in cost of software

decrease in software cost

both a and b are correct

Question No: 27 (Marks: 1) - Please choose one

_____ testing verifies the correct implementation of internal units, structures and relationship among them.

Black box

White box [click here for details](#)

Gray box

Question No: 28 (Marks: 1) - Please choose one

The template for organizing SRS given by American Department of Defense and NASA should be used for

- ▶ none of the given
- ▶ **large and complex projects**
- ▶ small project
- ▶ medium size projects

Question No: 29 (Marks: 1) - Please choose one

If you know the relationship between the use cases, classes, GUIs, Test cases and other artifacts then we can say that requirements are traceable in that project.

- ▶ True
- ▶ **False (Page 133)**

دنیا کی سب سے بڑی فتح نفس پر قابو رکھنا ہے

Question No: 30 (Marks: 1) - Please choose one

There may be one or more GUIs that are part of any good software but may not satisfy any requirement

- ▶ True
- ▶ False

Question No: 31 (Marks: 1) - Please choose one

Following are the components of a Legacy system except:

- ▶ business processes
- ▶ system hardware
- ▶ **marketing (Page 134)**
- ▶ application software

Question No: 32 (Marks: 1) - Please choose one

There are many reasons for which the legacy system become difficult to maintain EXCEPT

- ▶ Language in which system was developed become obsolete
- ▶ lack of consistency as different parts of the system have been developed by different teams
- ▶ None of these
- ▶ **No documentation is available (Page 134)**

Question No: 33 (Marks: 1) - Please choose one

In _____, new user and technology requirement can also be integrated into the re-engineering effort.

- ▶ Backward re-engineering
- ▶ **Forward re-engineering (Page 140)**
- ▶ Business Engineering
- ▶ Business Process Engineering

Question No: 34 (Marks: 1) - Please choose one

Large classes reduces

- ▶ **Cohesion (Page 143)**
- ▶ Coupling
- ▶ Consistency
- ▶ Chains

Question No: 35 (Marks: 1) - Please choose one

Level _____ is the lowest capability level of CMMI in Continuous representation

- ▶ 1
- ▶ **0 (Page 169)**
- ▶ 5
- ▶ 6

Question No: 36 (Marks: 1) - Please choose one

In _____ representation of CMMI model, consideration is given to improve selected processes areas.

- ▶ **Staged (Page 169)**
- ▶ Continuous

Question No: 37 (Marks: 1) - Please choose one

Empirical models are statistical models and are based upon historic data

True (Page 81)

False

Question No: 38 (Marks: 1) - Please choose one

Error tracking provides a quantitative means of assessing the quality of the individuals implementing a software product.

- ▶ True
- ▶ **False**

Question No: 39 (Marks: 1) - Please choose one

There are tools available in the market for project tracking. These tools can automatically track and manage the project replacing the need of any human being as a Project Manager.

- ▶ **True**
- ▶ False

Question No: 40 (Marks: 1) - Please choose one

Two tools for computing critical path and project completion times from activity networks are

- ▶ **CPM and PERT (Page 100)**
- ▶ DRE and SQA
- ▶ FP and LOC
- ▶ ASD and BSD

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