

**Question No: 1 ( Marks: 1 ) - Please choose one**  
Defining a [Task Network] helps in defining

The resources required for project

Third party tool required for project

**Sequence in which activities will be performed (Page 99)**

None of these

**Question No: 2 ( Marks: 1 ) - Please choose one**  
The first step in project planning is to

Determine the budget.

Select a team organizational model.

Determine the project constraints.

**Establish the objectives and scope. (Page 80)**

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

Function Point analysis is helpful in calculating the size of the software for \_\_\_\_\_

- ▶ Both client and software organization
- ▶ Software organization
- ▶ Client
- ▶ **User (Page 38)**

**بد صورت چہرہ بد صورت دماغ سے بہتر ہے**

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

The extent to which a program satisfies its specification and fulfills the customer's mission objectives is said to be achieving the

- ▶ Usability
- ▶ Efficiency
- ▶ Reliability

**Correctness** [click here for detail](#)

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

What activity/activities , we can perform to identify the needs and benefits of a task?

Establish project statement

**Identify needs and project constraints**

All of these

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

BCWS stands for:

Budgeted cost of whole System

**Budgeted cost of work schedule (Page 102)**

None of the given options

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

BCWP refers to:

Normalized value of budgeted cost

Overall expected cost of the project (anticipated cost)

**Budgeted cost of work performed so far (Page 102)**

Overall cost of the project (calculated after completion of project)

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

Which statement is correct?

▶ **The greater the dependency between the components the greater is coupling** [Click here for detail](#)

- ▶ The lesser the dependency between the components the greater is coupling
- ▶ The greater the dependency between the components the lesser is coupling
- ▶ None of the given

**عقل مند آدمی اس وقت تک نہیں بولتا جب تک خاموشی نہیں ہو جاتی**

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

In context of moving range and individual control charts, UNPL stands for:

Universal Natural Process Line

Universal Natural Process Limit

**Upper Natural Process Limit (Page 77)**

Upper Natural Process Line

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

Effort required to test a program to ensure that it performs its intended function \_\_\_\_\_

**Testability page (Page 68)**

Bug fixing

Debugging

Security

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

The extent to which a program can be expected to perform its intended function with required precision is called \_\_\_\_\_

Usability

**Reliability (Page 67)**

Portability

Maintainability

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

Review is a type of \_\_\_\_\_ that helps preventing the bugs to move in the next stage of software development

▶ Bug seeding tool

▶ **Filter (Page 109)**

▶ Alarm

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

\_\_\_\_\_ help in finding the matrix to be stable or unstable

**Control chart (Page 75)**

Directed Graph

Cyclic chart

Base line graph

**انسان دکھ نہیں دیتے بلکہ انسانوں سے وابستہ امیدیں دکھ دیتی ہیں**

**Question No: 14 ( Marks: 1 ) - Please choose one**  
Defect Removal Efficiency can be increased by

- ▶ By increasing the team member in a team
- ▶ **Identifying the defect in early stages of development so that it may not be amplified**
- ▶ Identifying the defect in the later stages of project
- ▶ By performing the testing activity only

**Question No: 15 ( Marks: 1 ) - Please choose one**  
\_\_\_\_\_ give you a better insight into the state of the process or product

**Metrics (Page 66)**

Efficiency  
Reliability  
Usability

**Question No: 16 ( Marks: 1 ) - Please choose one**

Determination of the .....is a pre-requisite of all sorts of estimates, including, resources, time, and budget.

**software scope (Page 80)**

software Risk  
software Quality  
software Management

**Question No: 17 ( Marks: 1 ) - Please choose one**  
Following are effective guidelines for Review **except**

- ▶ We need to review the product not the producer
- ▶ Be sensitive to personal egos
- ▶ Errors should be pointed out gently
- ▶ **Tone should be high and strict (Page 113)**

**Question No: 18 ( Marks: 1 ) - Please choose one**  
Function/Test matrix is a type of

Interim Test report  
Final test report

**Project status report** [click here for detail](#)  
Management report

**بہترین تجربہ وہ ہے جس سے نصیحت حاصل ہو**

**Question No: 19 ( Marks: 1 ) - Please choose one**

Poka Yoke is Japanese term and it means

- ▶ **Mistake Proofing (Page 118)**
- ▶ Mistake Handling
- ▶ Mistake identification
- ▶ Mistake assurance

**Question No: 20 ( Marks: 1 ) - Please choose one**

we need to employ some statistical techniques and plot the result -----, This is known as statistical control techniques.

**Graphically (Page 74)**

automatically  
manually  
personally

**Question No: 21 ( Marks: 1 ) - Please choose one**

The extent to which a program satisfies its specifications and fulfills the customer's mission objectives is \_\_\_\_

Integrity  
Reliability

**Correctness (Page 67)**

none of given

**Question No: 22 ( Marks: 1 ) - Please choose one**

Which is not correct in the context of Poka-Yoke technique?

- ▶ Simple and cheap
- ▶ **Sophisticated and expensive (Page 118)**
- ▶ Part of Process
- ▶ Indication point should be near to the place where the problem occurred

**Question No: 23 ( Marks: 1 ) - Please choose one**

Metrics to assess the quality of the analysis models and the corresponding software specification were proposed\_\_\_\_\_

in 1993- 1999.  
Ricardo in 1993  
Davis in 1990

**Davis in 1993 (Page 71)**

**خوبصورتی علم و ادب سے ہوتی ہے لباس و حسن سے نہیں**

**Question No: 24 ( Marks: 1 ) - Please choose one**

If Configuration item identification is not identified, it is possible to control changes and establish records.

- ▶ **False (Page 121)**
- ▶ True

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

Incomplete Configuration identification documents may result in:

- Defective Product
- Higher Maintenance Costs
- Schedule Product
- Meet Software Quality

- A,B,C**      [Click here for detail](#)
- B,C,D
- A,B,D
- A,B,C,D

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

When an Item is baselined, it becomes frozen, here frozen means, that the item can be changed only by creating an old version

- ▶ **True (Page 72)**
- ▶ False

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

The most important objective of any engineering activity is to produce high quality product with limited resources and-----

- Time (Page 66)**
- Persons
- Cost
- Metrics

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

Extent to which access to software or data by unauthorized persons can be controlled and called \_\_\_\_\_

- None of given
- Efficiency
- Reliability

**Integrity (Page 67)**

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

Object un-lock is done by

- ▶ **check in (Page 125)**
- ▶ check out
- ▶ both check-in and check-out
- ▶ none of the given

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

Requirements engineering is the basis of the contract between the developer and the client.

- ▶ True
- ▶ **False Written as a contract between client and contractor**

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

The amount of computing resources required by a program to perform its function is \_\_\_\_\_

**Efficiency (Page 67)**

Integrity  
Reliability  
None of given

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

Legacy system migration is usually hard. One important reason is that no proper documentation of the system is available

- ▶ True
- ▶ **False (Page 134)**

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

While assessing a legacy system for further decision, one should decide the following about the supplier

- ▶ Is supplier still in existence?
- ▶ Is supplier still in business?
- ▶ Is supplier can provide support?
- ▶ **All of the given (Page 137)**

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

The application software is assessed on the basis of following factors except

- ▶ Documentation
- ▶ Understandability
- ▶ **Code Refactoring (Page 137)**
- ▶ Test data

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

We modify the internal \_\_\_\_\_ in code re-structuring

- ▶ interface
- ▶ **design (Page 139)**
- ▶ data structure
- ▶ functionality

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

\_\_\_\_\_ technique was initially developed for manufacturing processes in the 1920's by Walter Shewart.  
Upper Control Line

**Control chart (Page 75)**

CMP  
Quality

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

“A method requires lot of information from some other class” is a symptom of \_\_\_\_\_ bad smell

- ▶ Data clumps
- ▶ Lazy class
- ▶ **Feature envy (Page 143)**
- ▶ Long Method

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

\_\_\_\_\_ integrates system and software disciplines into single process improvement framework for introducing new disciplines as needs arise.

- ▶ SEI
- ▶ **CMMI (Click here for detail)**
- ▶ CMM
- ▶ ISO

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

FAST is the abbreviation of

Facilitated Application Specification Technology

**Facilitated Application Specification Technique (Page 80)**

Facilitated Application Specialization Technique

None of the above option

**تم اچھا کرو زمانہ تم کو برا سمجھے یہ اس سے بہتر ہے کہ تم برا کرو اور زمانہ تم کو اچھا سمجھے**

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

In measuring Software Process Quality by using control charts, if the gap between the defects reported and defects fixed is increasing, then it means

**The product is in unstable condition. (Page 78)**

- the product is ready for shipment
- the product is in stable condition.
- None of the above

**Question No: 41 ( Marks: 1 ) - Please choose one**

Although there are many different models developed by different researchers for estimation, all of them share which one of the following basic structure

- ▶  $E = 3.2 (KLOC)^{1.05}$
- ▶  $E = A + B * (ev)C$  (Page 81)
- ▶  $E = [LOC * B^{0.333/P}]^{3 * (1/t4)}$
- ▶ none of the given

**Question No: 42 ( Marks: 1 ) - Please choose one**

A \_\_\_\_\_ is a user recognizable subgroup of data elements within an ILF or EIF

- ▶ **Record element type (RET) (Page 46)**
- ▶ Data Element Type
- ▶ External Input
- ▶ External Query

**Question No: 43 ( Marks: 1 ) - Please choose one**

This chart is then used to develop the individual control chart is called statistical control techniques.

**Yes (Page 77)**

No

**Question No: 44 ( Marks: 1 ) - Please choose one**

Any delay in \_\_\_\_\_ path makes the whole project delayed.

- ▶ Logical
- ▶ Neural
- ▶ Physical
- ▶ **Critical** [Click here for detail](#)

**انسان کے لئے بری صحبت سے بڑھ کر بری کوئی چیز نہیں**

**Question No: 45 ( Marks: 1 ) - Please choose one**

The responsibilities of a Project Manager does not include

- ▶ Make a schedule of project
- ▶ Allocate tasks to the resources
- ▶ Monitoring the tasks
- ▶ **All these options (Page 28)**

**Question No: 46 ( Marks: 1 ) - Please choose one**

\_\_\_\_\_ Subgroups are those that the user has the option of using one or none of the subgroups during an elementary process.

- ▶ **Optional (Page 46)**
- ▶ Mandatory
- ▶ None of the Given
- ▶ RET

**Question No: 47 ( Marks: 1 ) - Please choose one**

Process discipline is unlikely to be rigorous, but where it exists it may help to ensure that existing processes are maintained during times of stress and this is done at CMM level -----.

- ▶ 1
- ▶ 4
- ▶ 3
- ▶ **2 (Page 172)**

**Question No: 48 ( Marks: 1 ) - Please choose one**

Which one of the following activities does not belong to Risk Mitigation, Monitoring, and Management Plan?

**Risk Projection (Page 89)**

- Risk Mitigation
- Risk avoidance
- Risk Management and Contingency Planning

**Question No: 49 ( Marks: 1 ) - Please choose one**

Which one of the following principles/techniques is NOT software projects scheduling?

- Interdependency identification
- Time allocation
- Effort validation

**Function point analysis (Page 93)**

- Milestone definition

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**Question No: 50 ( Marks: 1 ) - Please choose one**

With a complex class you have to move data and methods around in small pieces to avoid errors, it seems slow but it is the \_\_\_\_\_ because you avoid debugging

- ▶ **Quickest (Page 163)**
- ▶ Problem
- ▶ None of the given
- ▶ Slowest

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