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Question No: 1 (Marks: 1) - Please choose one
The purpose of earned value analysis is to

- ► determine how to compensate developers based on their productivity
- ► **provide a quantitative means of assessing software project progress (Page 102)**
- ► provide a qualitative means of assessing software project progress
- ► set the price point for a software product based on development effort

Question No: 2 (Marks: 1) - Please choose one
The RMMM plan assists the project team in developing strategy for dealing with risk. In this context, an effective strategy must consider:

- ► Risk avoidance
- ► Risk monitoring
- ► Risk management and contingency plan
- ► **All of the given choices (Page 89)**

Question No: 3 (Marks: 1) - Please choose one
The component-based development model is

- ► only appropriate for computer hardware design.
- ► not able to support the development of reusable components.
- ► **dependent on object technologies for support. (SE-PRESSMAN, 70)**
- ► not cost effective by known quantifiable software metrics.

جھوٹ رزق کو کھا جاتا ہے

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Question No: 4 (Marks: 1) - Please choose one
Which is used to determine the most viable option for cost estimation when the information in the "Decision tree" is complete.

$E = 3.2 (KLOC)^{1.05}$
Expected cost = (path probability)$_I$ x (estimated path cost) (Page 83)
Expected cost = (path probability)$_I$ x (estimated path cost)

Question No: 5 (Marks: 1) - Please choose one
After building the Decision Tree, following formula is used to find the expected cost for an option. Choose the correct formula:

Expected Cost= (path probability)i * (estimated path cost) (Page 83)
Expected Cost= (path probability)i / (estimated path cost)
Expected Cost= (path probability)i + (estimated path cost)
Expected Cost= (path probability)i - (estimated path cost)

Question No: 6 (Marks: 1) - Please choose one
Degree of uncertainty that the product will meet its requirements and be fit for its intended use is the

Cost risks
Schedule risks
Performance risks (Page 87)
None of the given choices

Question No: 7 (Marks: 1) - Please choose one
Every task or group of tasks should be associated with a project ----------.

Schedule
Member
Manager
Milestone (Page 93)

Question No: 8 (Marks: 1) - Please choose one
Every task should be assigned to a specific team ----------.

- **Member (Page 93)**
- Manager
- Organizer
- None of the given

خاموشی غصے کا بہترین علاج ہے

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Question No: 9 (Marks: 1) - Please choose one
Which one is not the Software project planning activity carried out by the project manager for estimation?

- ► Software scope estimation
- ► Resources requirements
- ► Time requirements
- ► **Product Quality (Page 80)**

Question No: 10 (Marks: 1) - Please choose one
Configuration Item identification involves:

- ►Identifying the structure of the s/w system
- ►**Uniquely identify individual components**
- ►Uniquely identifying various revisions
- ►All of the given

Question No: 11 (Marks: 1) - Please choose one
Incomplete Configuration identification documents may result in:

- ►Schedule Product
- ►**all of the given choices are correct** Click here for detail
- ►Defective Product
- ►Higher Maintenance Costs

Question No: 12 (Marks: 1) - Please choose one
Degree of uncertainty that the product will meet its requirements and be fit for its intended use is the

- ► Cost risks
- ► Schedule risks
- ► **Performance risks (Page 87)**
- ► None of the given choices

Question No: 13 (Marks: 1) - Please choose one
Proactive risk management philosophy is also some times termed as Indiana Jones school of risk management

- ► true
- ► **false (Page 84)**

Question No: 14 (Marks: 1) - Please choose one
Software Availability can be calculated by the following equation:

- ► Availability = (MTTR/MTTF) x 100
- ► Availability = (MTBF/MTTR) x 100
- ► **Availability = (MTTF/MTBF) x 100 (Page 116)**
- ► Availability = (MTBF/MTTF) x 100

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Question No: 15 (Marks: 1) - Please choose one
Phase Index can be calculated by the help of the following formula, where
Ei – the total number of errors uncovered during the ith step in the SE process
Si – number of serious errors
Mi – number of moderate errors
Ti – number of minor errors
PSi – product size at the ith step
ws, wm, wt – weighting factors for serious, moderate, and minor errors

- **PIi = ws(Si/Ei) + wm(Mi/Ei) + wt(Ti/Ei) (Page 115)**
- PIi = ws(Si/Ei) + wm(Mi/Mi) + wt(Ti/T)
- PIi = ws(Si/Ei) + wm(Mi/Mi) + wt(Ti/Ei)
- PIi = ws(Si/S) + wm(Mi/M) + wt(Ti/E)

Question No: 16 (Marks: 1) - Please choose one
The higher the Error Index, the higher will be the Defect Removal Efficiency

- **True (Page 115)**
- False

Question No: 17 (Marks: 1) - Please choose one
The goal of quality assurance is to provide management with the data needed to determine which software engineers are producing the most defects.

- true
- **False** Click here for detail

Question No: 18 (Marks: 1) - Please choose one
From the following listed software development Model, which one is an object oriented model

- Classical life cycle model
- **Fountain model (Page 23)**
- Spiral model
- Waterfall model

Question No: 19 (Marks: 1) - Please choose one
The prototyping model of software development is

- a reasonable approach when requirements are well defined.
- **A useful approach when a customer cannot define requirements clearly.** Click here for detail
- the best approach to use for projects with large development teams.
- a risky model that rarely produces a meaningful product.

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

Which one of the following does not belong to a strategy for dealing with risk?

Risk avoidance
Security risk assessment (Page 89)
Risk monitoring
Risk management and Contingency planning

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