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MIT 3rd Semester

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**Reference MCQ's For MIDTERM EXAMS
CS615- Software Project Management**

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

_____ identifying which quality standards are relevant to the project and determining how to satisfy them.

- ▶ **Quality Planning (page 139)**
- ▶ Communications Planning
- ▶ Organization Planning
- ▶ Staff Acquisition

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

These all are outputs of Initiating Process except

- ▶ Project Manager Assignments
- ▶ Constraints
- ▶ **Selection Criteria (page 134)**
- ▶ Assumptions

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

Project management processes can be organized into _____ groups

- ▶ Four
- ▶ **Five (page 131)**
- ▶ Six
- ▶ Seven

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

Product quality depends on its conformance to _____

- ▶ Software requirements
- ▶ Development standards
- ▶ Implicit requirements
- ▶ **All of given (page 119)**

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

_____ is the technical kernel of software engineering

- ▶ **Design (page 107)**
- ▶ Implementation
- ▶ Requirements analysis
- ▶ Testing

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

Mode of specification has a great impact on quality of solution. Forcing SWE to work with incomplete, inconsistency, or misleading specifications result in frustration and confusion affecting:

- ▶ Quality
- ▶ Timeliness and
- ▶ Completeness of SW product
- ▶ **All of given (page 103)**

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

Finally, the specification includes a _____

- ▶ **Bibliography (page 103)**
- ▶ Appendix
- ▶ Both Bibliography and Appendix
- ▶ Reference

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

Cognitive model describes a system as perceived by its _____

- ▶ **User community (page 103)**
- ▶ Developer
- ▶ Top level management
- ▶ Manager

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

A review of the *Software Requirements Specification* is conducted by _____

- ▶ Software developer
- ▶ Customer
- ▶ **Both the software developer and the customer (page 103)**
- ▶ Top level management

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

A meeting is conducted at a _____ and attended by both software engineers and customers.

- ▶ Software engineer site
- ▶ **Neutral site (page 100)**
- ▶ Customer site
- ▶ Company site

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

The model serves as the basis for the creation of _____ for the Software.

- ▶ Design
- ▶ Maintenance
- ▶ Testing
- ▶ **Specifications (page 95)**

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

Throughout evaluation and solution synthesis, the analyst's primary focus is on

- ▶ **"What, not "how." (page 95)**
- ▶ Model
- ▶ Evaluation and Synthesis
- ▶ Specification

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

In problem evaluation area of effort, once problems have been identified, the _____ determines what information is to be produced by the new system and what data will be provided to the system.

- ▶ **Analyst (page 95)**
- ▶ Designer
- ▶ Coder
- ▶ Manager

Question No: 14 (Marks: 1) - Please choose one

Requirements are refined and analyzed to assess their clarity, completeness, and_____

- ▶ Correctness
- ▶ **Consistency (page 93)**
- ▶ Concurrency
- ▶ None of given

Question No: 15 (Marks: 1) - Please choose one

A software project that meets all the stated objectives is a success of _____

- ▶ Project quality
- ▶ Project fundamental purpose
- ▶ **Project management myth (page 82)**
- ▶ Project requirement

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

All of the following describe the activity list except:

- ▶ It's an extension of the WBS
- ▶ It include all activities of the project
- ▶ **It describe the WBS update**
- ▶ It include a description of project activities

Question No: 17 (Marks: 1) - Please choose one

Software project are carried out sequentially and that each phase is completed before the next is taken up.

- ▶ The Prototyping Model
- ▶ The Incremental Model
- ▶ **The Waterfall model (page 82)**
- ▶ The Spiral model

Question No: 18 (Marks: 1) - Please choose one

Project management is a _____of constant communication and negotiation.

- ▶ **Process**
- ▶ Concept
- ▶ Practice
- ▶ None of given

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

These all are design phase activities except

- ▶ Output Design
- ▶ Input Design
- ▶ **The software test plan (page 16)**
- ▶ Software Selection

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

Which organization has set the de facto standards for project management techniques?

- ▶ PMBOK
- ▶ **PMI (page 154)**
- ▶ PMA
- ▶ PMO

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

McCall (MCC77) and his colleagues proposed some software quality factors based on three most important aspects of a software product: Which organization has set the de facto standards for project management techniques?

- ▶ 4
- ▶ **3 (page 120)**
- ▶ 6
- ▶ 5

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

The model serves as a foundation for software design and as the basis for the creation of _____ for the Software.

- ▶ Design
- ▶ Maintenance
- ▶ Testing
- ▶ **Specifications (page 95)**

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

A 'facilitator' controls the meeting can be _____.

- ▶ Customer
- ▶ A developer
- ▶ An outsider
- ▶ **All of the given (page100)**

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

Cognitive model describes a system as perceived by its _____.

- ▶ **User Community (page103)**
- ▶ Developer
- ▶ Top level Management
- ▶ Manager

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

Upon evaluating current problems and desired information (input and output), the analyst begins to _____.

- ▶ **Synthesize solutions (page 94)**
- ▶ Model
- ▶ Specification
- ▶ All of the Given

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

These all are Product Revision Factors except.

- ▶ **Usability (page 121)**
- ▶ Maintainability
- ▶ Flexibility
- ▶ Testability

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

Foundational design concepts are.

- ▶ Information Hiding
- ▶ Abstraction
- ▶ Inheritance
- ▶ **All of the given (page 107)**

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

The US DOD (1988) defines software quality rather simply as:

- ▶ **The ability of a software product to satisfy its specified requirements. (Page 118)**
- ▶ “An inherent or distinguishing characteristic or a property”
- ▶ “Quality is in the eye of the beholder, a matter, of the client's judgment.”
- ▶ All of the given

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

—defining and refining objectives and selecting the best of the alternative courses of action to attain the objectives that the project was undertaken to address

- ▶ Initial Process
- ▶ **Planning Process (page 131)**
- ▶ Executing Process
- ▶ Controlling Process

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

When you build a product or system, it's important to go through a series of predictable steps – a road map that helps you create a timely, high-quality result, The road map that you follow is called —

- ▶ Software Design
- ▶ **Software Process (page 10)**
- ▶ Software schedule
- ▶ Framework

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

Each process is described by:

- ▶ Inputs
- ▶ Outputs
- ▶ Tools & Techniques
- ▶ **All of the given (page 131)**

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

McCall (MCC77) and his colleagues proposed some software quality factors based on three most important aspects of a software product: Which organization has set the de facto standards for project management techniques?

- ▶ 4
- ▶ **3 (page 120)**
- ▶ 6
- ▶ 5

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

— ensures that appropriate steps to follow the product development procedures are carried out

- ▶ Quality Management
- ▶ Design
- ▶ **Process monitoring (page 123)**
- ▶ Quality control

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

Cognitive model describes a system as perceived by its _____

- ▶ **User community (page 103)**
- ▶ Developer
- ▶ Top level management
- ▶ Manager

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

Synchronization control helps to ensure that parallel changes performed by two different people do _____.

- ▶ **Not overwrite one another (page 114)**
- ▶ Overwrite one another
- ▶ May overwrite one another
- ▶ **None of given**

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

These all are Product Transition Factors except.

- ▶ Interoperability
- ▶ Configurability
- ▶ Expandability
- ▶ **Testability (page 121)**

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

To control versions, you can use _____.

- ▶ Version Control File
- ▶ **Version Control Register (page 111)**
- ▶ Version Control Authority
- ▶ All of the given

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

The Introduction of the software requirements specification states the

- ▶ Goals
- ▶ Objective
- ▶ Design
- ▶ **Goals and objectives of the software (page 104)**

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

The British Standards Institution (1986) has stated the quality as

- ▶ The ability of a software product to satisfy its specified requirements
- ▶ “An inherent or distinguishing characteristic or a property”
- ▶ **“Quality is in the eye of the beholder, a matter, of the client's judgment.” (Page 104)**
- ▶ All of the given

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

The check-in and checkout facilities provide_____

- ▶ Best control
- ▶ FTR control
- ▶ SCI control
- ▶ **Synchronization control (page 114)**

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

A baseline version _____

- ▶ Have a short life
- ▶ Can be assigned version numbers 3.2
- ▶ **Tested and certified version of a system (page 115)**
- ▶ Survive only during bug fixing

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

You can use the Item Traceability Matrix to identify _____ at the end of each phase

- ▶ **SCIs (page 110)**
- ▶ SCM
- ▶ Design
- ▶ Construction

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

Defined scope is a

- ▶ Technology-related problems
- ▶ **Product-related problems (page 87)**
- ▶ Process-related problems
- ▶ People-related problems

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

Software requirements engineering is a process of all except

- ▶ Discovery
- ▶ Refinement
- ▶ **Design (page 92)**
- ▶ Specification

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

The model serves as the basis for the creation of _____ for the Software.

- ▶ Design
- ▶ Maintenance
- ▶ Testing
- ▶ **Specifications (page 92)**

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

Most software project manager's practice a lot of management techniques that are of doubtful authenticity are called

- ▶ Project management tools
- ▶ **Project management myths (page 92)**
- ▶ Project management thumb rules
- ▶ Project management fundamentals

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

The Introduction of the software requirements specification states the

- ▶ Goals
- ▶ Objective
- ▶ Design
- ▶ **Goals and objectives of the software (page 104)**

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

The quality of software is said to be high if it meets the

- ▶ Standards, defined for the product
- ▶ Procedures, defined for the product
- ▶ **Standards and procedures, defined for the product (page 118)**
- ▶ Design defined for product

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

Both the software engineer and customer take an active role in software requirements engineering-a set of activities that is often referred to as Requirement:

- ▶ Managing
- ▶ Recognition
- ▶ **Analysis (page 92)**
- ▶ Modeling

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

The Efficiency with which a program runs on different platforms or operating systems is called :

- ▶ **Portability (page 121)**
- ▶ Reusability
- ▶ Configurability
- ▶ Interoperability

Question No: 51 (Marks: 1) - Please choose one

Efficiency with which a program runs on different platforms or operating systems is Reusability

- ▶ True
- ▶ **False**

Question No: 52 (Marks: 1) - Please choose one

_____ is a software engineering task that bridges the gap between system level requirements engineering and software design.

- ▶ Cost Analysis
- ▶ Design analysis
- ▶ Risk analysis
- ▶ **Requirements analysis (page 93)**

Question No: 53 (Marks: 1) - Please choose one

_____ is path finding_____, is path following

- ▶ **Leadership, Management (page 45)**
- ▶ Leader, Leadership
- ▶ Management, Leadership
- ▶ Manager, Management

Question No: 54 (Marks: 1) - Please choose one

_____ theory when the deliverables of a project are more important than its phases. This normally happens when the deliverables are decided before the project begins. Select correct option

- ▶ Project life-cycle-based
- ▶ Scheduled
- ▶ **Deliverable-based (page 277)**
- ▶ None of given

Question No: 55 (Marks: 1) - Please choose one

Predecessor activities need to _____ before the next can begin. After a predecessor activity is completed, the successor activity becomes the predecessor for another activity. Select correct option:

- ▶ Start
- ▶ Scheduled
- ▶ **End page (page 297)**
- ▶ None of given

Question No: 56 (Marks: 1) - Please choose one

Each _____ can be subdivided into sub tasks.

- ▶ Program
- ▶ **Task (page 297)**
- ▶ Project
- ▶ None of given

Question No: 57 (Marks: 1) - Please choose one

Using PERT and CPM, _____, helps you complete a project on time. By using these techniques, you can determine the latest time by when an activity should start to be completed on time.

- ▶ Individually
- ▶ Combination
- ▶ **Individual and Combine (page 296)**
- ▶ None of given

Question No: 58 (Marks: 1) - Please choose one

Over the course of the project, a comparison of the due date and the date delivered provides a metric for how well deliverable dates are _____ by the project team. Select correct option:

- ▶ **Met (page 274)**
- ▶ Scheduled
- ▶ Changed
- ▶ None of given

Question No: 59 (Marks: 1) - Please choose one

Risk analysis and management are a series of steps that help a software team to understand and manage _____.

- ▶ **Uncertainty (page 305)**
- ▶ Crises
- ▶ Problem
- ▶ None of given

Question No: 60 (Marks: 1) - Please choose one

A node on a network schedule is that point in time at which an activity _____.

- ▶ Begins
- ▶ Ends
- ▶ **Begins or Ends (page 297)**
- ▶ None of given

Question No: 61 (Marks: 1) - Please choose one

To _____ risks from occurring, the project team prepares the risk plan before the commencement of the project.

- ▶ **Avoid (page 312)**
- ▶ Deal
- ▶ End Manage
- ▶ None of given

Question No: 62 (Marks: 1) - Please choose one

The first activity in risk analysis is risk management.

- ▶ True
- ▶ **False**

Question No: 63 (Marks: 1) - Please choose one

During the Implementation phase the software modules are coded and initial unit tests are performed.

- ▶ True
- ▶ **False**