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-2021-Sub:Software
   Engineering(CSC601)(MCQ Questions)
   * Required
   Exam Questions (Section-2)
  Q1. Choose the correct option for following questions. All the Questions are compulsory and carry equal
  marks
                           The 3 P's in Project management are:
        Option A:
                            Process, Performance and Product
        Option B:
                           Process, Product and People
                           Product, Performance and People
        Option C:
                           People, Process and Performance
        Option D:
        Option A
        Option B
    Option C
   Option D
                        COCOMO-II model is an example of:
                        Risk Management
     Option A:
                        Estimation Models
     Option B:
                        Requirement Analysis
     Option C:
                        software testing
     Option D:
        Option A
    Option B
        Option C
        Option D
                 Which of the following errors should not be tested when error handling is evaluated?
                 Error description is impossible to understand
      Option A:
      Option B: Error noted does not correspond to error encountered
      Option C: Error condition causes system intervention
                 Error description provide enough information to assist in the location of the cause of
      Option D:
                 the error
        Option A
        Option B
        Option C
        Option D
                 Independence of a module is measured using the following 2 qualitative criteria:
     Option A: Module and modularity
      Option B: Cyclomatic complexity and modularity
     Option C: Cohesion and coupling
     Option D: Abstraction and function point
        Option A
        Option B
        Option C
        Option D
                    Empirical Estimations model are constructed on:
                   Expert judgment based on past projects
     Option A:
                   Regression models derived from historical project data
     Option B:
                   Expected value estimation
                   Trial and error parameter values
     Option D:
        Option A
    Option B
        Option C
       Option D
                In LOC Estimation techniques Problem decompositions are based on:
     Option A: project schedule
     Option B: process activities
                product specification
     Option C:
     Option D: software function
        Option A
        Option B
   Option C
   Option D
                 Estimate the risk exposure, if the risk probability is given as 70%, 15 components
                 need to be developed from scratch and the average component is 100 LOC with
                 software engineering cost for each LOC is Rs.12.
      Option A: Rs.10,500
     Option B: Rs.18,000
      Option C: Rs.8,400
     Option D: Rs.12, 600
        Option A
        Option B
       Option C
   Option D
                A Person is anyone within the company that has business interest in the product to
                be built and might be rewarded for the outcome or criticized if the attempt fails.
     Option A: Developer
     Option B: Stakeholder
     Option C: Coder
     Option D: Proprietor
        Option A
        Option B
        Option C
    Option D
                 Which of the following is not the golden rule for user interface design?
      Option A: Place the user in control
      Option B: Reduce the user's memory load
      Option C: Make the interface consistent
      Option D: Risk identification
        Option A
        Option B
        Option C
   Option D
                 SRS is said to be consistent if and only if
     Option A: its structure and style are such that any changes to the requirements can be made
                 easily while retaining the style and structure
      Option B: every requirement stated therein is verifiable
      Option C: every requirement stated therein is one that the software shall meet
     Option D: no subset of individual requirements described in it conflict with each other
        Option A
        Option B
        Option C
        Option D
                   Which of the following is not a SQA plan for a project?
      Option A:
                   evaluations to be performed
                   duration of technical work
      Option B:
                   audits and reviews to be performed
      Option C:
      Option D:
                   procedures for error reporting and tracking
        Option A
        Option B
        Option C
    Option D
                 Which one among the following provides the upper bound on the number of test
                 cases that will be required to guarantee that every statement in the program has been
                 executed at least once
     Option A: Cyclomatic Complexity
     Option B: Flowchart and flow graph
     Option C: Boundary value analysis
     Option D: Independent Program Paths
        Option A
        Option B
        Option C
        Option D
                Which of the following software process models couples the iterative nature of
                prototyping with the controlled and systematic factors of the linear sequential model?
     Option A: The Spiral Model.
     Option B: The Waterfall Model.
     Option C: The Incremental Model.
     Option D: The Revolutionary Model
       Option A
        Option B
        Option C
    Option D
                 Which of the following is a useful measure for measuring the quality of a system?
      Option A: integrity, sales, usability, maintainability
      Option B: Stakeholders ,integrity, usability, sales
                correctness, usability, maintainability, integrity
      Option C:
      Option D: Correctness ,size ,usability ,maintainability
        Option A
        Option B
        Option C
       Option D
                A technique for handling the introduction of products with an emphasis on chronic
                transparency and not overburdening the development team is -----
     Option A:
                Kanban
     Option B: Scrum
     Option C: Agile
     Option D: Development
       Option A
        Option B
        Option C
        Option D
                 The reverse engineering is concerned with
      Option A: Any adaptation of the system
      Option B: Any reconstruction of the system
      Option C: Any maintenance of the system
      Option D: Documentation change of the software
        Option A
        Option B
        Option C
       Option D
                What questions do black-box tests answer?
     Option A: Are all independent paths within a module exercised?
     Option B: Is the system particularly sensitive to certain input values?
     Option C: Does the internal structure to ensure their validity are exercised?
     Option D: Do all loops at their boundaries and within their operational bounds are exercised?
        Option A
        Option B
        Option C
        Option D
                  Which of the following does not fall under project scheduling?
                  Effort validation
     Option A:
                  Market assessment
     Option B:
     Option C:
                  Compartmentalization
     Option D: Time allocation
       Option A
        Option B
        Option C
        Option D
                 Which design concept defines a direct outgrowth of modularity and the concepts of
                 abstraction and information hiding?
      Option A: Refinement
      Option B: Architectural Patterns
      Option C: Functional Independence
      Option D: Refactoring
        Option A
        Option B
       Option C
    Option D
                In the Change control process, the change report is evaluated finally by whom?
     Option A: Software Developer
     Option B: Project Manager
      Option C: Software Configuration Manager
     Option D: Change Control authority
        Option A
        Option B
        Option C
       Option D
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