SOFTWARE ENGINEERING BASED COMPUTER MCQ PRACTICE QUESTIONS AND ANSWERS PDF WITH EXPLANATION

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Q1. Failure of schedule is

a) People risk

b) Organizational risk

c) Estimation risk

d) Requirement risk

Q2. Entity-relation model is

a) It describes the basic entities in the design and relation between them.

b) Observational techniques used to understand social and organizational requirements.

c) It is based on the idea of developing an initial implementation, exposing it uses on requirement and refining it through many versions until an adequate system has been developed.

d) Based on an idea of developing an initial implementation, exposing this to uses comment and retiring it until and adequate system has been developed.

Q3. Which is not the part of software process ?

a) Software specification

b) Software design

c) Software evolution

d) Software selling

Q4. Change-oriented identification

a) One system is designed as the system controller and has responsibility for managing the execution of other subsystems.

b) Each system is named as in attribute based identification and associated with one or more change requests.

c) An object class inheritance diagram, how entities have common characteristics.

d) The objective of this software development is zero-defect software.

Q5. The following is not true for client-server model

a) It contains the set of stand alone servers

b) A set of clients that can use services offered by servers

c) A network which allows the clients to access these services

d) An intersection between clients by passing the server

Q6. Rules are

a) Constraints define for system models

b) Input data

c) Out put data

d) Activities in involved in the system

Q7. Software evolution is

a) It is concern with modification of existing system to meet changing requirements.

b) It is a process of converting system specifications into an executable system.

c) It analyzes and checks system representation such as the requirements document, design diagrams and program source code.

d) None of these

Q8. An object-oriented model of system architecture structures the system into a set of loosely coupled objects with well-defined interfaces.

a) Object design models

b) Object interface design

c) Object oriented models

d) None of these

Q9. Computer system is a

a) Hardware

b) Software

c) BioWare

d) Virtual ware

Q10. Centralized control models

a) Here one system is designed as the system controller and has responsibility for managing the execution of other subsystems.

b) Each system is named as in attribute based identification and associated with one or more change requests.

c) An object class inheritance diagram, how entities have common characteristics.

d) The objective of this software development is zero-defect software.

Q11. In software system requirements, the interface requirements are

a) Requirements that are derived from the interface of existing system

b) Requirements that are derived from the interface of proposed system

c) Requirements that are derived from the interface of existing and proposed systems

d) None of these

Q12. Hazard

a) Hazard cannot arise due system design.

b) The probability of the event occurring which create a hazard.

c) An assessment of the worst possible damage, which could result from a particular hazard.

d) A condition with the potential for causing or contributing to an accident.

Q13. In system modeling : A-Classification model; B-Stimulus-response model; C-Data processing model: 1-Here data-flow diagram show how data is processed at different stages; 2-Here object class/inheritance diagram show, how entities have the common characteristics;3-Here state transition diagram shows the how the system reader to internal and external events

a) A-2, B-3, C-1

b) A-3, B-1, C-2

c) A-1, B-2, C-3

d) A-1, B-3, C-2

Q14. Algorithmic cost modeling is

a) Quality measures that address how easily a system can evolve or migrate

b) Piece of software that acts to accomplish tasks on behalf of its user

c) A quantitative option analysis that allows the cost of various options to be computed, and options can be compared on objective basis

d) Extent to which a software system or component allows for or supports anonymous transactions

Q15. Software life cycle is

a) Time-period that begins when a software product is conceived and ends when the software is no longer available for use.

b) Adaptive maintenance, performed to make a computer program usable in a changed environment.

c) A simplified description of a software process that is presented from a particular perspective.

d) None of these

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Answers to the above questions :

Q1. Answer: (c)

Q2. Answer: (a)

Q3. Answer: (d)

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Q4. Answer: (b)

Q5. Answer: (d)

Q6. Answer: (a)

Q7. Answer: (a)

Q8. Answer: (c)

Q9. Answer: (a)

Q10. Answer: (a)

Q11. Answer: (c)

Q12. Answer: (d)

Q13. Answer: (a)

Q14. Answer: (a)

Q15. Answer: (a)

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