Program: BE -Computer- Engineering

Curriculum Scheme: Revised 2016

Examination: Third Year Semester VI

Course Code:CSC601 and Course Name: \_\_Software Engineering \_\_

Time: 1hour Max. Marks: 50

==============================================================================

=============================================================================

Note to the students:- All the Questions are compulsory and carry equal marks .

|  |  |
| --- | --- |
| Q1.  | RAD stands for |
| Option A: | Relative Application Development |
| Option B: | Rapid Application Document |
| Option C: | Rapid Application Development |
| Option D:  | Rational Application Document |
|  |  |
| Q2. | Which of these software engineering activities are not a part of software processes ? |
| Option A: | Software dependence |
| Option B: | Software development |
| Option C: | Software validation |
| Option D: | Software specification |
|  |  |
| Q3. | Which one of the following activity is not a factor for success or failure of software project |
| Option A: | Budget |
| Option B: | Schedule |
| Option C: | Location of the company |
| Option D: | Customer satisfaction |
|  |  |
| Q4. | In an Agile scrum environment, what is the main responsibility of a tester? |
| Option A: | Create test scenarios and test cases |
| Option B: | Finding bugs |
| Option C: | There is no role as a Tester in Scrum |
| Option D: | Create automation scripts |
|  |  |
| Q5. | Analysis & Design comes under which of the following software process |
| Option A: | Modeling |
| Option B: | Construction |
| Option C: | Communication |
| Option D:  | Planning |
|  |  |
| Q6. | what the word Elicitation mean in software engineering? |
| Option A: | Requirement gathering |
| Option B: | Composition |
| Option C: | Execution |
| Option D:  | Logical view |
|  |  |
| Q7.  | Which tool is use for structured designing ? |
| Option A: | Program flowchart |
| Option B: | Structure chart |
| Option C: | Data-flow diagram |
| Option D:  | Module |
|  |  |
| Q8.  | which of the following is not dynamic diagram? |
| Option A: | Use case diagram  |
| Option B: | Sequence diagram |
| Option C: | Activity Diagram |
| Option D:  | Class diagram |
|  |  |
| Q9. | Hardware or software execution environments can be the part of which diagram? |
| Option A: | State diagram |
| Option B: | Use case |
| Option C: | Sequence diagram |
| Option D:  | deployment diagram |
|  |  |
| Q10.  | COCOMO-II does not have following stage |
| Option A: | Early design estimation model |
| Option B: | Application Composition estimation model |
| Option C: | Comprehensive cost estimation model |
| Option D:  | Post architecture estimation model |
|  |  |
| Q11.  | Distribution of project efforts are recommended as |
| Option A: | 40-20-40 |
| Option B: | 50-20-30 |
| Option C: | 30-40-30 |
| Option D:  | 50-30-20 |
|  |  |
| Q12.  | Risk that is associated with the technology to be implemented as |
| Option A: | Preliminary concept planning |
| Option B: | Concept scoping |
| Option C: | Technology risk assessment |
| Option D: | Customer reaction to the concept |
|  |  |
| Q13. | What incorporates data, architectural, interface, and procedural representations of the software? |
| Option A: | design model |
| Option B: | user’s model |
| Option C: | mental image |
| Option D:  | system image |
|  |  |
| Q14.  | If functions are related in such way that output of one function acts as an input data to another function is |
| Option A: | Functional cohesion |
| Option B: | Logical cohesion |
| Option C: | Temporal cohesion |
| Option D:  | sequential cohesion |
|  |  |
| Q15. | Which one is not fundamental design concept? |
| Option A: | Abstraction |
| Option B: | Validation |
| Option C: | Information hiding |
| Option D:  | Concurrency |
|  |  |
| Q16.  | What assess the risk and your plans for risk mitigation and revise these when you learn more about the risk? |
| Option A: | Risk monitoring |
| Option B: | Risk planning |
| Option C: | Risk analysis |
| Option D:  | Risk identification |
|  |  |
| Q17. | What involves preparing software for external release and keeping track of the system versions that have been released for customer use? |
| Option A: | System building |
| Option B: | Release management |
| Option C: | Change management |
| Option D: | Version management |
|  |  |
| Q18. | What is the product of the probability of incurring a loss due to the risk and the potential magnitude of that loss? |
| Option A: | Risk exposure |
| Option B: | Risk prioritization |
| Option C: | Risk analysis |
| Option D:  | Risk monitor |
|  |  |
| Q19.  | According to ISO 9001, inspection and testing comes under which management responsibility? |
| Option A: | Process control |
| Option B: | Document control |
| Option C: | Control of nonconforming products |
| Option D:  | Servicing |
|  |  |
| Q20. | In which testing level the focus is on customer usage? |
| Option A: | Alpha Testing |
| Option B: | Beta Testing |
| Option C: | Validation Testing |
| Option D: | Both Alpha and Beta |
|  |  |
| Q21. | Software Testing with real data in real environment is known as |
| Option A: | alpha testing |
| Option B: | beta testing |
| Option C: | regression testing |
| Option D:  | Adhoc testing  |
|  |  |
| Q22.  | Behavioral testing is |
| Option A: | White box testing |
| Option B: | Black box testing |
| Option C: | Grey box testing |
| Option D:  | Yellow Box |
|  |  |
| Q23. | Unit testing is done by |
| Option A: | Users |
| Option B: | Developers |
| Option C: | Customers |
| Option D:  | Owners |
|  |  |
| Q24.  | How many numbers of maturity levels available in Capability Maturity Model(CMM) |
| Option A: | 1 |
| Option B: | 3 |
| Option C: | 5 |
| Option D:  | 15 |
|  |  |
| Q25. | Which of these is a part of software process framework |
| Option A: | Arbitration  |
| Option B: | Bargaining |
| Option C: | Recruitment |
| Option D:  | Communication |