Class: T.Y.B.Sc(IT) SEM-VI Subject :Software Quality Assurance

Sample Multiple Choice Question

Q1) Quality Management in software engineering is also known as
a) SQA
b) SQM
c) SQI
d) SQA and SQM

Q2). Quality also can be looked at in terms of user satisfaction which includes
a) A compliant product
b) Good quality output
c) Delivery within budget and schedule
d) Complete Product, Good Quality ,Delivery within budget and schedule**.**

Q3). Inspections and testing are what kinds of Quality Costs?
a) Prevention
b) Internal Failure
c) External Failure
d) Appraisal

Q4). What is Six Sigma?
a) It is the most widely used strategy for statistical quality assurance
b) The "Six Sigma" refers to six standard deviations
c) It is the most widely used strategy for statistical quality assurance AND The "Six Sigma" refers to six standard deviations
d) A Formal Technical Review(FTR) guideline for quality walkthrough or inspection**.**

Unit II

Q1)What is Cyclomatic complexity?
a) Black box testing
b) White box testing
c) Yellow box testing
d) Green box testing

Q2)What does the testing help in product by finding defects in product?a. Fix defect
b. Improve quality
c. Measure quality
d. check reliability of software

Q3)Which of the following is the main advantage of Top Down Integration Testing?
a. Major decision points are tested early.
b. Modules are not tested by team again and again
c. No stubs need to be written
d. No Skeleton need to be written

Q4) Testing of individual components by the developers are comes under which type of testing?

a. Integration testing
b. Validation testing
c. Unit testing
d. Stress testing

Unit –III

Q1)What is defined as a set of development and quality assurance efforts performed to achieve a common goal, based on the release timeline?

a)Test Set

b)Requirement

c)Test plan

d)Cycle

Q2)System testing is a

a)Black Box Testing
b)Grey Box Testing
c)White Box testing
d) Both a & b
Q3) Test cases are designed during which of the following stages?

a) Test recording
b) Test configuration
c) Test planning
d) Test specification
Q4)The technique applied for usability testing is:

a) White box
b) Grey box
c) Black box
d) Combination of all

Unit IV

Q1)**Which of the following are advantages of iterative model?**

a) Early revenue generation
b) Simpler to manage
c) Divided workload
d) All the Above

Q2)Which of the following model put much more emphasis on testing?

a) Waterfall model
b) Agile model
c) Rapid action development model
d) V-V model

Q3)MTTF stands for
a) Minimum time to failure
b) Mean time to failure
c) Maximum time to failure
d) None of the mentioned

Q4)Which of the following comes under the Control structure testing?

a) Condition testing
b) Loop testing
c) Data Flow Testing
d) All of the above.

Unit V

Q1)_____is a SQA activity in which one or multiple humans checks a program.

a.Proposal testing

b Design Testing

c)code Review

d)Integration testing

Q2)_____is largely a white box oriented.

a)Module testing

b)Integration testing

c)Design testing

d)Proposal Testing

Q3)Hybrid Integration Testing is also known as _____.

    a) Sandwich Integration Testing

b) Botton-Up Integration Testing

    c) Integration Testing

    d)Big-Bang Integration Testing

Q4)Which testing is concerned with behavior of whole product as per specified requirements?

a)Acceptance testing

b)Component testing

c)System testing

d)Integration testing