	COURSE: Software Quality Assurance		**MARKS:**
Universiti Malaysia PAHANG Engineering • Technology • Creativity	**TOPIC:** SQA Concepts	**CODE:** BCS 3263	**/10**
	ASSESSMENT: Quiz	**NO: 1**	**DURATION:** Online

1. **How is reliability and failure intensity related to each other?**

a) direct relation

b) inverse relation

c) no relation

2. **How is software reliability defined?**

a) time

b) efficiency

c) quality

3. **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) All of the mentioned

4. **Non-conformance to software requirements is known as**

a) Software availability

b) Software reliability

c) Software failure

d) None of the mentioned

5. **Software safety is equivalent to software reliability.**

a) True

b) False

6. **Misinterpretation of customer communication is a sample of possible cause defects.**

a) True

b) False

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7. **What kind of quality cost is incurred when an error is detected in a product prior to shipment?**

a) Prevention

b) Internal Failure

c) External Failure

8. **Which one of the following is a requirement that fits in a developer's module ?**

a) Availability

b) Testability

c) Usability

d) Flexibility

9. **Software Debugging is a set of activities that can be planned in advance and conducted systematically.**

a) True

b) False

10. **Which of the following approaches are used to achieve reliable systems?**

a) Fault prevention

b) Fault removal

c) Fault tolerance

d) All of the mentioned

11. **Which of the following Error Detection checks is not a part of Application detection?**

a) Hardware checks

b) Timing checks

c) Reversal checks

d) Coding checks

12. Which of the following is not a SQA plan for a project?

a) evaluations to be performed

b) amount of technical work

c) audits and reviews to be performed

d) documents to be produced by the SQA group

13. Degree to which design specifications are followed in manufacturing the product is called

a) Quality Control

b) Quality of conformance

c) Quality Assurance

d) None of the mentioned

14. Who identifies, documents, and verifies that corrections have been made to the software?

a) Project manager

b) Project team

c) SQA group

d) All of the mentioned

15. The primary objective of formal technical reviews is to find _____ during the process so that they do not become defects after release of the software.

a) errors

b) equivalent faults

c) failure cause

d) None of the mentioned

16. **Software quality assurance consists of the auditing and reporting functions of management.**

a) True

b) False

17. **Which of the following errors should be handled inside the program itself:**

a) Connecting to databases

b) Opening a flat file

c) Opening a table

d) Arithmetic division and multiplication

e) All of the mentioned