**Questions on Chapter 5**

**Q.1)** Which of the following is NOT a drawback of Independent testing?

**A. An independent tester who reports his results to the senior management may not report them honestly and with a concern for reprisals.**

B. Independent test teams are not risk-free.

C. Independent testing may lead to communication problems, feeling of alienation, and a lack of identification.

D. It is possible that the testers and the test team can take that form of interpersonal isolation.

**Q.2)** What is the MAIN PURPOSE of the Master test plan?

**A. To communicate how testing will be performed.**

B. To produce a test schedule.

C. To produce a WBS (Work Breakdown Structure).

D. To communicate how the incidents will be managed. (Your answer)

**Q.3)** ------------- is responsible for controlling, administrating, planning and regulating the evaluation of a test object.

a. Tester

b. Test Leader

c. Independent tester

d. Quality Management team

**• Test Leader**

**Q.4)** The three main areas where the tester must have skills are:

i. application, domain knowledge, testing

ii. application, test environment, testing

iii. business domain, technology, testing

iv. management skills, technology, domain knowledge

A. iv is correct; i, ii, iii are incorrect

B. ii is correct; i, iii, iv are incorrect

**C. iii is correct; i, ii, iv are incorrect**

D. i is correct; ii, iii, iv are incorrect

**Q.5)** -------------- is NOT a part of IEEE 829 Test Plan Template.

i. Risks and contingencies

ii. Test Items

iii. Test log identifier

iv. Environmental needs

**• Test Log Identifier**

**Q.6)** Which of the following is not an estimation technique?

A. Consulting the people who will do the work.

B. Classifying the project in terms of size, complexity and then seeing at the past similar projects for calculating the duration

C. Analyzing metrics (your answer)

**D. Using the static-testing techniques**

**Q.7)** What is the difference between a product risk and a project risk?

A. project risks are typically related to the supplier and technical issues; product risks are typically related to skill and staff shortages.

B. Project risks are potential failure areas in the software/system; product risks are the risks that surround the project's capability to deliver its objectives

C. Project risks are risks that delivered software will not work; product risks are mainly related to supplier issues and technical issues.

D. **Project risks are the risks that surround the project's capability to deliver its objectives; product risks are potential failure areas in the software/system**

**Q.8)** Which of the following is NOT a test strategy?

A. directed

B. Dynamic

**C. Objectives**

D. Analytical

**Q.9)** What is defect density?

A. The number of defects identified in a component/system to the number found by any other means.

**B. The number of defects identified in a component/system to the size of the component/ system.**

C. The number of defects identified in a component/system to the number found by that test phase and any other means afterwards.

D. The number of defects identified in a component/system to the number found by that test phase

**Q.10)** -------------- is NOT included in the IEEE 829 Test Incident Report Template.

w. Summary

x. Anomalies

y. Environment

z. Test items

**• Test items**

**Q.11)** Which of the following statements about incidents are TRUE?

w. The final stage of incident tracking is fixing.

x. The incident may be closed without being fixed.

y. Incidents may not be raised against documentation.

z. The incident report does not include information on test environments.

A. y is true.

B. x and z are true.

C. **x is true**.

D. x and y are true.

**Q.12)** --------- risk is related to management and control of the project.

a. project risk

b. product risk

**• project risk**

**Q.13)** Incidents would not be raised against ---------------.

i. Documentation

ii. Test cases

iii. Improvements suggested by users.

iv. Requirements

**• Improvements suggested by users.**

Correct 40% answered this correctly. 60% answered wrong

**Q.14)** IEEE 829 Test Plan template contains all of the following EXCEPT:

A. Test Tasks

**B. Test Specifications**

C. Test Items

D. Test Deliverables

**Q.15)** --------- is not a project risk.

a. Organizational factors.

b. Technical issues.

c. Supplier issues.

d. Error-prone software delivered.

**• Error-prone software delivered.**

**Q.16)** Poor software characteristics are:

A. Only project risks

**B. Only product risks**

C. Project and product risks.

D. Project or product risks

**Q.17)** Stochastic testing using statistical information or operational profiles uses the method called ---------------------------.

A. Model-based testing approach.

B. Methodical testing approach.

C. Heuristic testing approach.

D. Process compliant testing approach.

**• Model-based testing approach.**

**Q.18)** Risk can be handled in which of the following ways?

A. Mitigate

B. Transfer

C. Ignore

**D. All of the above**