

## 选择题

- 1) Which of these activities is not one of the activities recommended to be performed by an independent SQA group?
  - A) prepare SQA plan for the project
  - B) review software engineering activities to verify process compliance
  - C) report any evidence of noncompliance to senior management
  - D) serve as the sole test team for any software produced
- 2) Which of the following is(are) the activitie(s) for an SQA team?
  - A) Records any noncompliance and reports to senior management
  - B) Attend the FTR
  - C) Audit the software products.
  - D) Conduct the unit testing

## 判断题

- 1) 软件可用性是程序在给定时间间隔内，按照规格说明书的规定成功地运行的概率。  
( )
- 2) 质量保证的措施包括审查、复查和管理复审、维护。( )
- 3) Software feasibility is mainly based on business and marketing concerns. ( )
- 4) People who perform software quality assurance must look at the software from the customer's perspective. ( )
- 5) A software quality metric that can be used at both the process and project levels is defect removal efficiency (DRE).
- 6) Change control is not necessary if a development group is making use of an automated project database tool.
- 7) In perfective maintenance the software is modified to accommodate changes to its external environment.
- 8) Formal technical review is a kind of important activities in software quality assurance process.
- 9) Tasks that lie on the critical path in a task network may be completed in any order as long as the project is on schedule.
- 10) Timeline charts assist project managers in determining what tasks will be conducted at a given point in time.
- 11) It is recommended that an independent SQA group should serve as the sole test team for any software produced.
- 12) Doubling the size of your software project team is guaranteed to cut project completion time in half.
- 13) The project deadline is so emergent, it will be a good idea to write the code immediately after finishing the system requirement.
- 14) The functionality of most computer systems does not need to be enhanced the lifetime of the

system.

- 15) Putnam's software equation is a dynamic empirical model that has two independent parameters: a size estimate and an indication of project duration in calendar months or years.

## 填空题

- 1) 程序在给定的时间间隔内，按照规格说明书的规定，成功地运行的概率称为软件的\_\_\_\_\_。
- 2) 在软件产品的修改阶段，用户所关注的影响软件质量的四个主要因素分别为软件的\_\_\_\_\_、\_\_\_\_\_、\_\_\_\_\_和\_\_\_\_\_。

## 简答题

- 1) 什么是软件维护？维护有哪几种类型？简述它们的定义。
- 2) 简述四种软件维护的定义并比较结构化维护与非结构化维护。
- 3) How does perfective maintenance differ from adaptive maintenance?
- 4) If you are in an SQA team for some software project, what activities can you engage? (6 pts.)