

M.C.A. DEGREE EXAMINATIONS: NOVEMBER 2009

Fifth Semester

P07CAE07 SOFTWARE QUALITY MANAGEMENT

Time: Three Hours

Maximum Marks: 100

Answer ALL Questions:-

PART A (10 x 2 = 20 Marks)

1. Define the three phases of Assessment.
2. What are the goals of Software Quality Assurance?
3. Name the five terms that are used in Software Product Nomenclature.
4. What are the responsibilities of a Module Owner?
5. Why do we need a Software Standard?
6. What are the basic objectives of Inspections?
7. Write down the Axioms of Testing.
8. Give the Bug Severity Classifications.
9. What are the Principles of Software Defect Prevention?
10. Give the six requirements for Software Process Change.

PART B (5 x 16 = 80 Marks)

11. (a) Write in detail about the five Assessment Principles.

(OR)

(b) Briefly explain about the Quality Management.

12. (a) Briefly write about the Basic Configuration Management Functions.

(OR)

(b) Write in detail about the Requirement Phase.

13. (a) Briefly write about the Establishment of Software Standards.

(OR)

(b) Explain about the Basic Inspection Principles.

14. (a) Explain in detail about the Types of Software Tests.

(OR)

(b) Briefly write about the Quality Measurement Criteria.

15. (a) Explain in detail about the Principles of Software Defect Prevention.

(OR)

(b) Write in detail about Managing Resistance to Software Process Change.
