

Register Number.....

M.C.A., DEGREE EXAMINATIONS: NOV/DEC 2012

Fifth Semester

MASTER OF COMPUTER APPLICATIONS

MCA525: Software Quality Management

Time: Three Hours

Maximum Marks: 100

Answer All Questions:-

PART A (10 x 2 = 20 Marks)

1. Define the goals of Software Quality Assurance.
2. Name the five Assessment Principles.
3. Write down the responsibilities of a Module Owner?
4. What is called as Configuration Control?
5. What are basic objectives of Inspections?
6. Give the steps in Development Process Standards and Methods?
7. Write down the Bug Severity Classifications.
8. What is White Box Testing?
9. What are the six requirements for Software Process Change?
10. Name the various Defect Prevention Costs.

PART B (5 x 16 = 80 Marks)

11. a) Explain about the Quality Management?

(OR)

- b) Explain about the Assessment Conduct in detail.

12. a) Explain about the Requirement Phase.

(OR)

- b) Write in detail about the Configuration Management Responsibilities.

13. a) Explain about the Basic Inspection Principles in detail.

(OR)

- b) Explain in detail about the Conduct of Inspection.

14. a) Explain about the Quality Measurement Criteria.

(OR)

b) Briefly write about the steps of Test Development.

15. a) Explain about Managing Resistance to Software Process Change.

(OR)

b) Explain in detail about the Defect Prevention Considerations.
