CODE NO:- Z-490
FACULTY OF ENGINEERING
T.E (CSE/IT)Year Examination - June– 2015
Software Testing & Quality Assurance
(Revised)

[Time: Three *Hours*]   [Max. Marks: 80]

"Please check whether you have got the right question paper."

N.B   i) Q.No.1 from section A is compulsory solve <u>any two</u> from the remaining
           ii) Q.No.6 from section B is compulsory solve <u>any two</u> from the remaining

SECTION-A

Q.1		Solve <u>any five</u>	10
	a)	Define software testing	
	b)	How does win runner evaluate test results?	
	c)	What are the steps for top down integration?	
	d)	What is the main benefit of designing tests early in the life cycle?	
	e)	List the people who are associated with testing	
	f)	What is the role of moderator in review process?	
	g)	When should testing be stopped?	
Q.2	a)	Explain v – model in detail	08
	b)	What is alpha and beta testing? What are few positive to having a beta test program for your software?	07
Q.3	a)	What is GUI testing? Explain in detail	07
	b)	Distinguish between quality assurance and quality control	08
Q.4	a)	Explain equivalence partitioning in detail	07
	b)	Define the following	08
		i) Statement converge	
		ii) Decision coverage	
Q.5		Write short note on (<u>any three</u>)	15
		i) Prototyping model	
		ii) Level of testing	
		iii) FTR	
		iv) CMM model	

83d81efc7a7a0d8a86c6026268a29842

SECTION –B

Q.6	Answer the following (<u>any five</u>)	10

      a) List out the test plan components
      b) What is open source tool and give example?
      c) What is quantitative data?
      d) What is the different between new and open bug?
      e) Define testcase
      f) What is a data driven test in win runner?
      g) What are the categories of defects?
      h) What is test automation

Q.7	a)	What is defect reporting? What are its major purposes?	08
	b)	Explain defect life cycle	07

Q.8	a)	How are the tools selected for testing?	07
	b)	Explain advantages and disadvantages of using tools.	08

Q.9	a)	Explain risk analysis in detail	08
	b)	Explain how to build test data	07

Q.10	Write short note on (<u>any three</u>)	15

      i) Fagan inspection
      j) Open source testing tool
      k) Testing strategy
      l) Qualitative analysis