

END TERM EXAMINATION

FOURTH SEMESTER [BCA] MAY-2014

Pape	er Code: BCA-208	Subject: Software Engineering (2011 Onwards)	
Time: 3 Hours		Maximum Marks: 75	
Note: Attempt any five question, including Q.no.1 which is compulsory. Select one question from each Unit. Calculator is allowed.			
Q1	Answer the following questions:- (a) What is software crisis? (b) Explain the term 'requirement' in (c) Why is software development req (d) Discuss the importance of system (e) What is a module? (f) Define software design. (g) What is the basic need of measure (h) What is risk mitigation? (i) Define software testing? (j) How does cost estimation help? Unit-	uired to be managed? n analysis in brief. rement in software development?	
Q2	What is software life cycle? Explain Write down merits and demerits of woodels.	software life cycle model.	
Q3	(a) Explain the procedure of drawing (b) How is an SRS organized? DiscussiVis. Unit-1	ss various characteristics of a typical (7.5)	
Q4	(a) Who are the major state holders Discuss the role of each.		
Q5	(a) Explain all the five functional un (b) Discuss COCOMO model in deta- Unit-I	il. (7.5)	
Q6	Define module coupling and module types giving examples.		
Q7	Discuss the following:- (a) Live Variables (b) Variable Span (d) Data structure metric	(5x2.5=12.5) a (c) Program Weakness (e) Token Count	
	Unit-I	v	
Q8	(a) Explain software testing, test cas (b) Discuss path testing with the hel	pe and test suite with the help of examples. (6.5)	
Q9	(a) Discuss the role of graph metrics example.(b) What is software maintenance? I Also write down the problems face	(6)	

