(i)	Pr	inted Pages: 3	Roll No.
(ii)	Qi	estions : 9	Sub. Code: 3 1 3 9
		1	Exam. Code: 4 6 1
		M.Sc. IT	3 rd Semester
			1125
		INFORMATIO	ONTECHNOLOGY
	Pa	per - MS-51 : Softwa	re Testing and Management
Time Allowed: Three Hours]			[Maximum Marks : 80
No	te :-	which is compulsory Section A to Section	ns in all including Q. 9 in Section E, and taking one question each from D. TION-A
1.	(a)	Discuss Software Tes	ting Process. What are the objectives
		of Software Testing	s the state of the talk (a) 8
	(b)	Discuss the architectu	are and elements of STEP methology.
			8
			ellim wotav sti sa se W (d)
Ö.		mantos a po stárado par-	to the unit analysis quarter
2.	(a)		clomatic Complexity metric with the
		help of an example.	8 - Free Williams and American
	(b)	Discuss the important	e of metrics to Software Project. How
		can you categorize va	rious metrics?

SECTION-B

Testing Strategies. 4
techniques with the
x sigma in software
6
ting and White Box detail.
8
Racupeiti (a)
Quality Assurance? re Quality Assurance 8
rare Quality? Discuss of a software.
tandard for Software SO 9001 Certification 8
8
3

SECTION-D

		SECTION-D	
7.	(a)	What is Software Reliability? How to measure it? Disc various Software Reliability merits.	cuss 8
	(b)	How Configuration management is planned? Disc Configuration Item Identification and Configuration Data in detail.	
8.	(a)	Discuss Change Management in detail.	8
	(b)	What are Software Risks? How to identify, project and refine risks?	
		SECTION-E	
9.	(a)	What do you understand by Dynamic Analysis?	3
	(b)	Differentiate between Quality Assurance, Quality Plans	ning
		and Quality Control.	3
	(c)	What is SPICE?	2
	(d)	What do you understand by product metrics?	2
	(e)	What do you understand by Test Case ?	2
	(f)	What do you understand by Release Management?	. 2
	(g)	What is RMMM plan?	2