Code No:	126AP				R13
JA	WAHARLAL NE B.Tech II	I Year II Semes	ter Examination FED SYSTEMS	ns, May - 2016 S	JEKABAD
Par	is question paper c rt A is compulsory	ontains two parts which carries 2	A and B. 5 marks. Answe	er all questions in	
	nsists of 5 Units. A marks and may ha			each umt. Each	question carries
MÜ	AG	PA	RT - Å	AG	(25 Marks)
	t the services provi				rocesses. [2]
e) Lis	fine bully algorithr fine the definition of t the differences be	n. Eligible of the critical sec etween TCP and	tion.		[2] [3] [2]
g) Exj h) Exj i): Exj	te client-server cor plain name resoluti plain other aspects plain recovery of nation distributed dea	on. in the Andrew fi ested transaction		ĦĜ	[3] [2] [3] [2] [2] [3]
		PA	RT - B		
tecl b) Dis	scribe the advanta nnologies for infor cuss how distribute	mation browsing ed systems are m	ore scalable thar <b>OR</b>	the centralized	
b)Exp	monstrate the design blain how events and the limit of th	re ordering in rea in it is ds of problems ed systems.	l-time with neat  ii i;  that are associ	sketch iiiii ated with the c	[5+5] 
5.a)Dif	ferentiate failure as strate an example of necessarily granted	ssumptions and f execution of the	OR ailure detectors. ring- based algo	rithm to show th	at processes are
	AG	A.	AG	AC	AG

***,		in RPC with a ne	at example.	een distributed o	biects in RMI.	[5+5]	FIL.
 .:::	7.a) Expla b)Defin	in the implement e the interface to CORBA IDL pro- anguages for spec	ation of the RM the election ser vides type:long	OR I and distributed givice in the COR for 32-bit integer	garbage collection BA IDL, and JA rs. Compare the	on. VA ŖŅĻ.Note	FIC
~. .∷i	b) Discu	in sequential conss in detail about  in in in in directory and consist	Munin	OR es.	AG	[5+5] [5+5]	ÄŒ
<u>(</u> :::	distrib (b):''Expla equiv	e deadlock? And puted systems? in with an examalent at each servinguish all the lock	nple how two er but is not seri	transa <u>ctions</u> are ally equivalent gl OR	inter <u>lëav</u> ëd whi lobally? <sup>::</sup>		ĦŒ
 :::	b) Discu	ss the edge-char	sing algorithm.	Give examples	to show that	it could detect [5+5]	FIC
". :::	AG	AG	00	Ooo	AG	AG	AG
·	AG	AG	AG	AG	ÄĞ	AC	AG
 :::	PG	AG	AG	AC	ÄG	AG	FIG
". <b>::</b>	AG	AC	FC	AG	AG	MG	FIC