BE/SELD VIII / TUSH/ (BES-/ IDDE

Instru? Project Docu. & Exe. 102.12.16



Q.P.	Cod	e:	728200
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			* EXAM *	00		
			Total Marks:	80		
N.	B. :	(1)	Q l is compulsory	1		
		(2)	Solve any three questions out of remaining five questions			
		(3)	Assume any suitable data if required			
		(4)	Draw neat diagram wherever required			
1.	Ans	wert	the following. (Any four)	20		
		(a)	Define project and explain project structure with the help of success triangle.			
		(b)	Explain Purchase requisition Note (PRN) with format.			
		(c)	Explain role of each member of engineering design team.			
		(d)	Explain conduit & tray schedule.			
		(e)	Draw & explain single line network diagram. Justify how it indicates one-line connectivity.			
		(f)	Describe any 5 SAMA symbol.			
2.	(a)	Dra	w & explain any 2 hook-up diagrams.	10		
	(b)	List out softwares used in documentation & design. Give typical features of INTOOLS.				
3.	(a)	Exp	lain terms FAT & SAT.	10		
	(b)		Draw & explain P&ID diagram for flow control loop. Prepare instrument ndex sheet and explain specification sheet for any 1 instrument.			
4.	(a)	Des	cribe electronic loop diagram with typical example.	10		
	(b)		lain in short HMI specification	10		
5.	(a)	A STATE OF THE PARTY OF THE PAR	the projects are developed & executed? Explain with typical astrial project flow.	10		
	(b)		cribe the checkout procedure for temperature transmitter and trol valve.	10		
6.	(a)	4 - 1 - 1 - 1 - 1 - 2 - 2	olain the following task of the system integrator:- (i) Operations & maintenance (0 & M) manual (ii) Commissioning.	10		
	(h)	Exp	olain the various standards used in instrumentation project.	10		