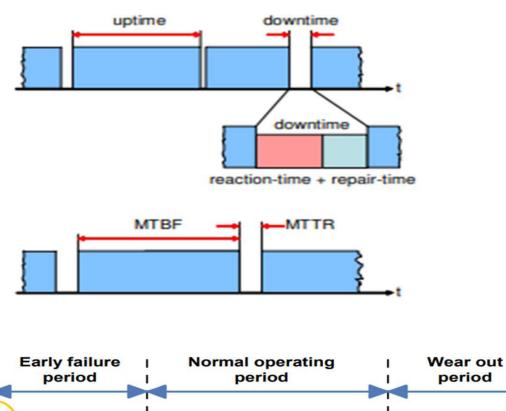
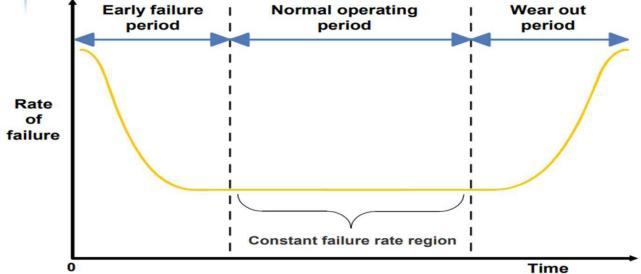


Prachith's Infotech Marketers

40KVA(3:3) => Model -TTI50040 Online UPS System MTBF-MTTR- AVAILABILITY & AFR						
MTBF	=		n a Year FR		Mean Time Be	etween failure
Failures are defined as critical load drops caused by anything, including human error.						
failures ar		e calculatio		_		the definition of failure ,Four sived, diagnosed, and repaired
AFR is Calo	culated As					
AFR	=	4failures X (52 weeks per year /26 weeks in sample 200				
$= \frac{4x2}{200}$						
	=			0.040		
MTBF	=			8760 0.04		hours
MTBF	=			219000		hours
MTBF	=			25		Years
MTTR				=	4 hours	
Availability			=	MTBF MTBF+MTTR		
Availability			=	219000 (219000+4)		
				219000		
Availability			=	219000		
Availability			=	0.999981735		





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