201 | F4 es | Creen Toch. (0)

Q.1

Q.P. Code :05346

		[Time: 2:30 Hours]	[IVIdi K5.75
	Please theck whet	her you have got the right question pap	er.
		ons are compulsory.	
		the right indicate marks.	
	3) Draw suit	able diagrams and illustrations wherever n	ecessary.
		sub-questions is not allowed.	
			5M
	pt All the Questions		
	ose the correct alternative		
i.		, and	
	a) reuse, return, recycle	b) reuse, refurbish, recycle	
	c) return, refurbish, recycle	d) record, recover, recycle	
iį.	SITS refers to		
	a) Stable IT services	b) Suitable IT services	
	b) Sustainable IT services	c) Sustainable information services	
iii_{∞}	KPI refers to		
	a) Key performance indicators	b)Key path Indicators	
	c) Key performance Index	d) Key performance instruments	
ĬV.	. Random access causes	head movements than sequential acce	esses, and thus leads to
	higher head power consumption	on.	
	a) less	b) equal	
	c) no	d) more	
V×	NAS stand for		
	a) Network-access score	b) Network-attached storage	
		d) Network-attached service	
B. Fill	in the blanks (Choose one from	the pool)	
{C-sta	tes, stable state, P-states, Green	IT Policy, environmentally, standby, emerg	ency, running, solid state} 5N
i	(also called sle	eep states) are core power states that defin	e the degree to which the
3	processor the is 'sleeping'.		
fi.	ERBS stand for re	sponsible business strategy.	
III.		e frameworks the organization puts in place	to apply environmental
1	criteria in IT-related activities		
불량		ollowing states – Active,idle or SI	een.
iv.	SSD means drive.	onowing states Therive, I alle of si	
٧.	SSD means drive.		
		lings	
СЕхр	lain the following in one for two	onnes	5 N
i k	Green enterprise		4 0
ii.	G-readiness	The state of the s	
iii.	Role of virtualization in energy	/ management.	
iv.	Green IT metrics		
٧.	Green washing		

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Q.2	Attorie	t the following: (Any THREE)	15M
€4.4		Write a note on Environmental impacts of IT.	
	В.	Write a note on software Energy Efficiency Techniques.	
	о. С. ^П	Write a note on Sustainable Software Methodology.	
	D.	Explain how software can negatively impact the environment?	
		What are Energy Metrics? List them.	
	F.	Explain the holistic approach to green IT.	
Q.3	Attemp	ot the following: (Any THREE)	
		What are green data centre? Explain	
	В.	Write a note on business drivers of Green IT strategy.	15M
	C.	Briefly describe the Organizational Sustainability dimensions.	
	D.	Outline key sustainability challenges associated with data centres.	
	E.	What are the challenges in implementing green IT strategies?	
	F.	Explain how storage systems' energy consumption could be managed effectively at the system	
		level.	
Q.4	Attem	ot the following: (Any THREE)	15M
	Α.	What a note on Hierarchy of Sustainability Models.	
	В.	How do you ensure organisations G- readiness?	
	c.	List and explain the SICT capability building blocks.	
	D.	What are the various issues faced in greening the inter-organizational enterprise activities?	2.9
	E.	Explain the 4 business dimensions for greening enterprise.	
	F.	Discuss the factors that drive the development of sustainable IT.	
Q.5	Attempt the following: (Any THREE)		
*.4.0 -	Δ	List methods to reduce energy consumption during software development.	
	В.	Highlight the impact of 'electronic devices' on the environment during each phase of their life	
	υ.	cycle, and possible causes for this impact.	
	C	Highlights different energy management techniques for hard disks.	
	D	Write a note on Multilevel Sustainable Information.	
		Write a note on Green IT standards.	
	E.	White a note on order it standards.	