5

Q. P. Code: 12211

		(Time: 2½ Hours)	[Total Marks: 75]
N.B.	1) All ques	tions are compulsory.		
	2) Figures	to the right indicate marks.		
		ions, in-depth answers and d	iagrams will be appreciated	
		of sub-questions is not allowed		3 8 7 8 7 5 8 1
	4) WIXIII	or sub-questions is not allowe	:u.	100000000000000000000000000000000000000
				u
Q. 1	The second secon	All(Each of 5Marks)		(15M
(a)	-	e Choice Questions		
		SD stands for		
	a	Berkeley Software Distribu	ition b. Basic Software D	istribution
		Berkeley System Developm	하는 이 생물님이 없는 이번에 얼마나의 이번에 나는 사람들이 한 사람이 있다면 하지만 하는데 되었다면 하다.	
		SI with respect to opens sour		
		open source initiative	가는데 그 이렇게 한 경험 국내는 없는데, 아래, "" 회사들이 그렇게 되는 것이다는 경기를 하고 있었다.	THE RESERVE OF THE PARTY OF THE
		open source interchange	d. open system interconn	ection
		PL is		\$ 6°,6°,8°
		General Public License		
	C.	General Published License	d. Global Public License	
	vi.			
		Linux based Advanced My		
		Linux Apache Web server		
		Linux Android MySQL da		3
		. Linux Advanced MYSQL I		
		Adobe PDF an example of	100 B	
		하는 사람들이 많아 아니라 그 아니까지 않는데 아니라 아니는 아니는 아니는 아니는 아니는 이 사람들이 모든데 그 사람들이 되었다.	b. Licensed software	
	C.	Shareware software	d. Closed Software	
2200				
(b)		ne blanks		
		domain software, IBM, Sur		
	Internet	explorer, Linux, Windows, I		
	in the second		where there is absolutely no	o ownership
- S ² -4		such as copyright, trad	N. T. C. & CO. C.	
500	ii.	지하는 것이 많아 보는 것이 없는 것이 없는 것이 없는 것이 없는 것이 없는 것이 없었다.	DE donated by to the	open source
		community.		
	iii.		open source web browser.	
	iv.		is free open system for PC.	* * * *
	V.		ce project for automation of	Linux based
D 400		application.		
	The state of			
(c)	Write Ar	swers in two lines.		
	i.	What is free software?		
A	ii.	What is closed source code		
U	iii.	What do you mean by "Sol	tware Freedom"?	
	iv.	What is GCC?		
5 5 3	V.	List any two Open Source	database technologies.	

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Q. 2	Attempt the following (Any THREE)(Each of 5Marks)	(15M)
(a)	Give comparison between Free Software and Open Source software.	,,
(b)	Explain the concept of "Free doesn't meanno cost".	
(c)	Write short on principals of open source.	
(d)	Write a note on the following:	
	i. LGPL licenses ii. Apache license	-
(e)	Discuss the problems in traditional commercial software.	~
(f)	Explain the zero marginal cost with respect to FOSS.	
Q. 3	Attempt the following (Any THREE)(Each of 5Marks)	(15M)
(a)	Write a note on the following:	
/L)	i. Drupal ii. Wordpress	
(b)	Explain five key components of Open Office.	
(c)	How one can contribute to Wikipedia? Explain.	
(d)	Explain the following terms:	
(0)	i. Open Source Media ii. Open source Hardware	
(e)	Distinguish between Commercial design practices and Open Design practices.	
(f)	Explain process of testing open source code.	
Q. 4	Attempt the following (Any THREE) (Each of 5Marks)	(15M)
(a)	Explain the features of Android operating system.	,
(b)	Write short note on Open Solaris operating system.	
(c)	Write sort note on "virtualization technology".	
(d)	Discuss containerization technology for IDE.	
(e)	Write short note on "debugger".	
(f)	Write short note on development tools.	
Q. 5	Attempt the following (Any THREE)(Each of 5Marks)	(15M)
(a)	Explain the following terms:	(131/1)
	i. Trademark ii. Copyleft	
(b)	What is communication and etiquette? Discuss.	
c)	Explain role of open source in today's word.	
d)	How the mode of funding followed for Apache Web Server project?	
e)	Write short note on 'Docker'	