



COMSATS University Islamabad, Lahore Campus
Department of Electrical and Computer Engineering

pad, Lahore Campus

Course Title:	Quiz No 4-FAL Operating System Engr. Ahmad Mudassir			Course Code: Program Name:	CSC322 Credit Hours: 3(2, BCE		
course							
Semester:	5th Batch: FA22-BCE		Section:	В	Date:	26 December 20	
				Maximum Marl	(S:	-B(E-07) /LHR	
Student's name:	Ali	HAMEA	al circu	Reg. No. CU	VEHEL	BCF	
Important Instr	uction	s / Guidelines:	/	and the second second second			
Avoid ov	erwriti	ng and cutting		9 - 1 - 1			

Question 1:

Consider the virtual address space of 44 bits and Page table entry size is 4 bytes and Page size is 4 KB. Illustrate through diagram Page level mapping and the division in virtual address.

No. if hits of frame = 32 bits:

No. if page =
$$\frac{32}{2}$$

No. if page = $\frac{32}{2}$

Page table size = $\frac{32}{2}$

Page table size = $\frac{32}{2}$

No. of authors in outer = $\frac{21}{2}$

Page table = $\frac{21}{2}$

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outer passe -> 212 x 22 = 214 = passe table size