BAHRIA UNIVERSITY, (Karachi Campus)

Department of Software Engineering

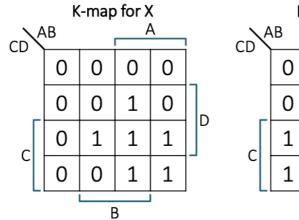**QUIZ - 2**

COURSE TITLE:	**Computer Architecture & Logic Design**	COURSE CODE: CEN 220	
Class:	BSE[4]-3(A/B)	Shift:	
Course Instructor:	**Dr. Syed Samar Yazdani**	Time Allowed:	
Submission Date:		Max. Marks:	**10 Marks**

2-bit Adder

K-map for X

CD\AB		A	
0	0	0	0
0	0	1	0
0	1	1	1
0	0	1	1

K-map for Y

CD\AB		A	
0	0	1	1
0	1	0	1
1	0	1	0
1	1	0	0

K-map for Z

CD\AB		A	
0	1	1	0
1	0	0	1
1	0	0	1
0	1	1	0

X =

Y =

Z =