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**Reg No. 16550**

**Mid term Assignment: No 4**

**Subject: Digital logic design**

**(Lab)**

**Instructor : Muhammad Amin**

Lab = 04

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A	B	D	B <sub>0</sub>
0	0	0	0
0	1	1	1
1	0	1	0
1	1	0	0

Solving the truth table k-Map -

A/B	0	1	B/A	0	1
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0	0	0	0	0	1
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1	1	0	1	1	0
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Borrow =  $A \cdot B$

Difference =  $A \oplus B$

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