MTH645 - Fuzzy Logic and Applications (Quiz # 2) **Quiz Start Time: 12:48 PM, 18 February 2022**

Question # 4 of 5 (Start time: 12:48:51 PM, 18 February 2022) **Total Marks:** 1

In fuzzy implication, for any fuzzy number x, $x.(\eta(x))$ is equal to _____.

Select the correct option

Reload Math Equations

○	x^2
○	$1-x$
○	x
◉	$x - x^2$

Click to Save Answer & Move to Next Question

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MTH645 - Fuzzy Logic and Applications (Quiz # 2) **Quiz Start Time: 12:52 PM, 18 February 2022**

Question # 1 of 5 (Start time: 12:52:24 PM, 18 February 2022) **Total Marks:** 1

The composition RoS is of R and S with respect to T-norm, multiplication is the fuzzy relation having membership function _____.

Select the correct option

Reload Math Equations

- ○ R/S
- ◉ max{R. S}
- ○ R
- ○ R.S

Click to Save Answer & Move to Next Question

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MTH645 - Fuzzy Logic and Applications (Quiz # 2) **Quiz Start Time: 12:50 PM, 18 February 2022**

Question # 2 of 5 (Start time: 12:50:31 PM, 18 February 2022) **Total Marks:** 1

In fuzzy implication 0 implies 0 is equal to _____.

Select the correct option

Reload Math Equations

◉	1
○	0.5
○	0
○	0.1

Click to Save Answer & Move to Next Question

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MTH645 - Fuzzy Logic and Applications (Quiz # 2) **Quiz Start Time: 12:50 PM, 18 February 2022**

Question # 3 of 5 (Start time: 12:50:36 PM, 18 February 2022) **Total Marks:** 1

In fuzzy implication 0 implies 1 is equal to _____.

Select the correct option

Reload Math Equations

○	0.5
●	1
○	0
○	0.1

Click to Save Answer & Move to Next Question

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MTH645 - Fuzzy Logic and Applications (Quiz # 2) **Quiz Start Time: 12:50 PM, 18 February 2022**

Question # 4 of 5 (Start time: 12:50:50 PM, 18 February 2022) **Total Marks:** 1

In fuzzy implication 1 implies 0 is equal to _____.

Select the correct option

Reload Math Equations

- ○ 0.5
- ○ 1
- ○ 0.1
- ◉ 0

Click to Save Answer & Move to Next Question

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MTH645 - Fuzzy Logic and Applications (Quiz # 2) **Quiz Start Time: 12:50 PM, 18 February 2022**

Question # 5 of 5 (Start time: 12:50:55 PM, 18 February 2022) **Total Marks:** 1

In fuzzy implication 1 implies 1 is equal to _____.

Select the correct option

Reload Math Equations

- (●) 1
- ( ) 0.1
- ( ) 0.5
- ( ) 0

Click to Save Answer & Move to Next Question

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$(1 \Rightarrow 1) = 1$

$(0 \Rightarrow 1) = 1$

$(0 \Rightarrow 0) = 1$

$(1 \Rightarrow 0) = 0$

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