Question # 5 of 5 (Start time: 01:19:57 PM, 22 August 2022)

A fuzzy binary relation R is reflexive if _____

Select the correct option

○	R(0.5,0.5)=0.1
○	R(0.5,0.5)=0
○	R(0.5,0.5)=0.5
●	R(0.5,0.5)=1

Quiz - Google Chro...

Question # 4 of 5 (Start time: 01:19:47 PM, 22 August 2022)

If $f(x)=e^{(x-10)}$, then $f^{-1}(x)$ = _____.

Select the correct option

○	100+lnx
○	1000+lnx
○	10000+lnx
●	10+lnx

Quiz - Google Chro...

MTH645 - Fuzzy Logic and Applications (Quiz # 1)

Question # 3 of 5 (Start time: 01:19:38 PM, 22 August 2022)

A fuzzy binary relation R is reflexive if _____

Select the correct option

- ○ $R(x,y)=0$
- ○ $R(x,y)=R(y,x)$
- ○ $R(x,y)=R(y,z)$
- ◉ $R(x,x)=1$

Quiz - Google Chro...

MTH645 - Fuzzy Logic and Applications (Quiz # 1)

Question # 3 of 5 (Start time: 01:12:52 PM, 22 August 2022)

If $xAa = xAb$ and $x \neq 0$ this implies that _____

Select the correct option

- ○ a.a=a
- ○ b=1
- ○ a=1
- ● a=b

MTH645 - Fuzzy Logic and Applications (Quiz # 1)

Question # 1 of 5 (Start time: 01:19:06 PM, 22 August 2022)

If $x\Delta a = x\Delta b$ and $x=0$ this implies that _____.

Select the correct option

- ○ b=1
- ○ a.a=a
- ○ a=1
- ● a=b

MTH645 - Fuzzy Logic and Applications (Quiz # 1)

Question # 2 of 5 (Start time: 01:19:19 PM, 22 August 2022)

If $x \Delta y = x \Delta z$ and $x = 0$ this implies _____.

Select the correct option

◉	$y = z$
○	$x = 1$
○	$x = y$
○	$x = z$

MTH645 - Fuzzy Logic and Applications (Quiz # 1)

Question # 1 of 5 (Start time: 01:12:28 PM, 22 August 2022)

If $f(x) = e^{x-5}$, then a = _____

Select the correct option

○	e^{-1}
●	e^{-5}
○	e
○	x

Quiz - Google Chro...

MTH645 - Fuzzy Logic and Applications (Quiz # 1)

Question # 5 of 5 (Start time: 01:13:12 PM, 22 August 2022)

$a \in (0,1)$ is called zero divisor of t-norm Δ if $\exists, b \in (0,1)$ such that

Select the correct option

○	$a \Delta b = 1$
●	$a \Delta b = 0$
○	$a \Delta b = a$
○	$a \Delta b = b$

MTH645 - Fuzzy Logic and Applications (Quiz # 1)

Question # 4 of 5 (Start time: 01:13:02 PM, 22 August 2022)

A fuzzy binary relation R is reflexive if _____

Select the correct option

○	R(0.5,0.5)=0.1
○	R(0.5,0.5)=0
○	R(0.5,0.5)=0.5
●	R(0.5,0.5)=1

MTH645 - Fuzzy Logic and Applications (Quiz # 1)

Question # 2 of 5 (Start time: 01:12:37 PM, 22 August 2022)

If $f(x)=e^{(x-10)}$, then $f^{-1}(x)$ = _____

Select the correct option

○	100+lnx
○	1000+lnx
●	10+lnx
○	10000+lnx

MTH645 - Fuzzy Logic and Applications (Quiz # 1)

Question # 2 of 5 (Start time: 01:09:50 PM, 22 August 2022)

In t-norm $x \Delta y = xy$, the zero divisors a and b satisfy _____

Select the correct option

- (●) $a \Delta b = 0$
- ( ) $a \Delta b = 1$
- ( ) $a \Delta b = a$
- ( ) $a \Delta b = b$

Quiz - Google Chro...

MTH645 - Fuzzy Logic and Applications (Quiz # 1)

Question # 4 of 5 (Start time: 01:10:11 PM, 22 August 2022)

If $x\Delta a = x\Delta b$ and $x=0$ this implies that _____

Select the correct option

○	a=1
○	b=1
○	a.a=a
●	a=b

MTH645 - Fuzzy Logic and Applications (Quiz # 1)

Question # 1 of 5 (Start time: 01:09:40 PM, 22 August 2022)

If $f(x) = e^{x-5}$, then a = _____.

Select the correct option

○	e
○	e^{-1}
●	e^{-5}
○	x

Quiz - Google Chro...

MTH645 - Fuzzy Logic and Applications (Quiz # 1)

Question # 5 of 5 (Start time: 01:10:21 PM, 22 August 2022)

A fuzzy binary relation R is reflexive if _____

Select the correct option

- ○ $R(x,y)=0$
- ○ $R(x,y)=R(y,z)$
- ◉ $R(x,x)=1$
- ○ $R(x,y)=R(y,x)$

Quiz - Google Chro...

MTH645 - Fuzzy Logic and Applications (Quiz # 1)

Question # 3 of 5 (Start time: 01:10:01 PM, 22 August 2022)

A fuzzy binary relation R is reflexive if _____

Select the correct option

- (●) $R(0.5,0.5)=1$
- ( ) $R(0.5,0.5)=0.5$
- ( ) $R(0.5,0.5)=0$
- ( ) $R(0.5,0.5)=0.1$

Quiz - Google Chro...

MTH645 - Fuzzy Logic and Applications (Quiz # 1)

Question # 3 of 5 (Start time: 12:59:35 PM, 22 August 2022)

$a \in (0,1)$ is called zero divisor of t-norm Δ if $\exists, b \in (0,1)$ such that _____

Select the correct option

○	$a \Delta b = b$
○	$a \Delta b = a$
○	$a \Delta b = 1$
●	$a \Delta b = 0$

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MTH645 - Fuzzy Logic and Applications (Quiz # 1)

Question # 5 of 5 (Start time: 12:59:58 PM, 22 August 2022)

In t-norm $x\Delta y = xy$, the zero divisors a and b satisfy _____

Select the correct option

●	$a\Delta b=0$
○	$a\Delta b=1$
○	$a\Delta b=b$
○	$a\Delta b=a$

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MTH645 - Fuzzy Logic and Applications (Quiz # 1)

Question # 4 of 5 (Start time: 12:59:45 PM, 22 August 2022)

If $f(x) = e^{x-5}$, then a = _____.

Select the correct option

○	e
○	e^{-1}
●	e^{-5}
○	x

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MTH645 - Fuzzy Logic and Applications (Quiz # 1)

Question # 1 of 5 (Start time: 12:59:11 PM, 22 August 2022)

A fuzzy binary relation R is reflexive if _____

Select the correct option

○	$R(x,y)=R(y,z)$
○	$R(x,y)=0$
●	$R(x,x)=1$
○	$R(x,y)=R(y,x)$

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MTH645 - Fuzzy Logic and Applications (Quiz # 1)

Question # 2 of 5 (Start time: 12:59:21 PM, 22 August 2022)

If $f(x)=e^{(x-10)}$, then $f^{-1}(x)$ = _____

Select the correct option

○	10000+lnx
○	1000+lnx
●	10+lnx
○	100+lnx

MTH645 - Fuzzy Logic and Applications (Quiz # 1)

Question # 4 of 5 (Start time: 12:48:56 PM, 22 August 2022)

If $x\Delta a = x\Delta b$ and $x=0$ this implies that _____.

Select the correct option

- b=1
- a.a=a
- a=1
- a=b

MTH645 - Fuzzy Logic and Applications (Quiz # 1)

Question # 3 of 5 (Start time: 12:47:46 PM, 22 August 2022)

A fuzzy binary relation R is reflexive if _____.

Select the correct option

- R(x,y)=0
- R(x,y)=R(y,z)
- R(x,y)=R(y,x)
- R(x,x)=1

MTH645 - Fuzzy Logic and Applications (Quiz # 1)

Question # 2 of 5 (Start time: 12:47:33 PM, 22 August 2022)

$a \in (0,1)$ is called zero divisor of t-norm Δ if $\exists, b \in (0,1)$ such that _____.

Select the correct option

- $a \Delta b = b$
- $a \Delta b = 0$ (selected)
- $a \Delta b = a$
- $a \Delta b = 1$

MTH645 - Fuzzy Logic and Applications (Quiz # 1)

Question # 1 of 5 (Start time: 12:47:04 PM, 22 August 2022)

A fuzzy binary relation R is reflexive if _____.

Select the correct option

○	R(0.5,0.5)=0
○	R(0.5,0.5)=0.1
●	R(0.5,0.5)=1
○	R(0.5,0.5)=0.5

MTH645 - Fuzzy Logic and Applications (Quiz # 1)

Question # 5 of 5 (Start time: 12:49:21 PM, 22 August 2022)

In t-norm $x\Delta y = xy$, the zero divisors a and b satisfy _____.

Select the correct option

○	$a\Delta b = 1$
○	$a\Delta b = b$
●	$a\Delta b = 0$
○	$a\Delta b = a$

MTH645 - Fuzzy Logic and Applications (Quiz # 1)

Question # 5 of 5 (Start time: 06:17:31 AM, 22 August 2022)

In t-norm $x\Delta y = xy$, the zero divisors a and b satisfy _____.

Select the correct option

○	$a\Delta b=a$
○	$a\Delta b=b$
○	$a\Delta b=1$
◉	$a\Delta b=0$

Question # 2 of 5 (start time: 06:15:46 AM, 22 August 2022)

If $f(x)=e^{(x-10)}$, then $f^{-1}(x)$ = _____

Select the correct option

Reloa

- 10+lnx
- 10000+lnx
- 100+lnx
- 1000+lnx

Click to Save Answer & Move

TH645 - Fuzzy Logic and Applications (Quiz # 1)

uestion # 4 of 5 (Start time: 06:16:52 AM, 22 August 2022)

If $f(x) = e^{x-50}$, then a = _____.

lect the correct option

- ○ $\ln x - 50$
- ◉ e^{-50}
- ○ e^{-x-50}
- ○ $x - 50$

Cli

MTH645 - Fuzzy Logic and Applications (Quiz # 1) **Quiz Start Time: 06:15 AM, 22 August 2022**

Question # 1 of 5 (Start time: 06:15:24 AM, 22 August 2022) **Total Marks: 1**

if $x \Delta y = x \Delta x$ and $x = 0$ this implies _____

Select the correct option

Reload Math Equations

- $x = x$
- $y = x$
- $x = 1$
- $x = y$

Click to Save Answer & Move to Next Question

MTH645 - Fuzzy Logic and Applications (Quiz # 1)

Question # 3 of 5 (Start time: 06:16:16 AM, 22 August 2022)

A fuzzy binary relation R is reflexive if _____.

Select the correct option

- ○ $R(x,y)=R(y,z)$
- ◉ $R(x,x)=1$
- ○ $R(x,y)=R(y,x)$
- ○ $R(x,y)=0$

Click to