

Question # 1 of 5 ( Start time: 03:48:47 PM, 08 March 2022 )

Total Marks: 1

Pick up the intuitionistic fuzzy set.

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Select the correct option

- |                                  |                         |
|----------------------------------|-------------------------|
| <input type="radio"/>            | $\{(x,(0.7,0.8))\}$     |
| <input type="radio"/>            | $\{(x,(0.5))\}$         |
| <input type="radio"/>            | $\{(x,(0.2,0.7,0.5))\}$ |
| <input checked="" type="radio"/> | $\{(x,(0.4,0.5))\}$     |

 Click to Save Answer & Move to Next Question

Question # 5 of 5 ( Start time: 03:53:39 PM, 08 March 2022 )

Total Marks: 1

If  $A = (0.5, 0.1, 0.4)$  is a picture fuzzy set on  $X$  then  $A^c$  is \_\_\_\_\_.

Select the correct option

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- |                                  |                 |
|----------------------------------|-----------------|
| <input checked="" type="radio"/> | (0.4, 0.1, 0.5) |
| <input type="radio"/>            | (0.1, 0.4, 0.5) |
| <input type="radio"/>            | (0.5, 0.1, 0.4) |
| <input type="radio"/>            | (0.4, 0.5, 0.1) |

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Question # 3 of 5 ( Start time: 03:55:25 PM, 08 March 2022 )

Total Marks: 1

Pick up the intuitionistic fuzzy set.

Select the correct option

[Reload Math Equations](#) $\{(x,(0.7))\}$  $\{(x,(0.6,0.3))\}$  $\{(x,(0.5,0.6))\}$  $\{(x,(0.3,0.6,0.3))\}$ 

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Question # 4 of 5 ( Start time: 03:53:33 PM, 08 March 2022 )

Total Marks: 1

If  $A(x, 0.41)$  and  $B(x, 0.49)$  are two fuzzy sets, then  $\max(A, B) = \text{---}$

Select the correct option



- 0
- 0.49
- 0.41
- 1

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Question # 3 of 5 ( Start time: 03:53:27 PM, 08 March 2022 )

Total Marks: 1

If the membership degree of IFS is 0.2 then the non-membership degree of it is——

Select the correct option

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0.4



0.2



0.8

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0

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Question # 1 of 5 ( Start time: 03:53:15 PM, 08 March 2022 )

Total Marks: 1

If the membership degree of IFS is 0.9 then the non-membership degree of it is——

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Select the correct option

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<input checked="" type="radio"/>	0.1
<input type="radio"/>	0.9
<input type="radio"/>	0
<input type="radio"/>	0.5

[Click to Save Answer & Move to Next Question](#)

Question # 3 of 5 ( Start time: 03:50:11 PM, 08 March 2022 )

Total Marks: 1

Let  $X = \{x_1, x_2, \dots, x_n\}$  be a universal set and  $A, B$  are two fuzzy sets on  $X$ , the distance  $d(A, B)$  satisfy the condition:

Select the correct option

[Reload Math Equations](#)

$$d(A, B) \leq 0$$



$$-1 \leq d(A, B) \leq 0$$



$$0 \leq d(A, B) \leq 1$$



$$1 \leq d(A, B)$$

[Click to Save Answer & Move to Next Question](#)

Question # 2 of 5 ( Start time: 03:50:05 PM, 08 March 2022 )

Total Marks: 1

If  $A(x,0.3)$  and  $B(x,0.35)$  are two fuzzy sets, then  $\max(A, B)=$ —

Select the correct option

[Reload Math Equations](#)

<input checked="" type="radio"/>	0.35	Download More Quizzes Files From <a href="http://VUAnswer.com">VUAnswer.com</a>
<input type="radio"/>	0.5	
<input type="radio"/>	0	
<input type="radio"/>	0.3	

[Click to Save Answer & Move to Next Question](#)



Question # 5 of 5 ( Start time: 03:49:24 PM, 08 March 2022 )

Total Marks: 1

If  $A(x,0.1)$  and  $B(x,1.0)$  are two fuzzy sets, then  $\max(A, B)=$ —

Select the correct option

[Reload Math Equations](#)

0.1



0



1



0.5

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Question # 2 of 6 ( Start time: 03:25:40 PM, 08 March 2022 )

Total Marks: 1

If  $A = \{(0, 3, 0, 2, 0, 5)\}$  is a picture fuzzy set on  $X$  then  $A^c$  is \_\_\_\_\_

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Select the correct option

- |                                  |                          |
|----------------------------------|--------------------------|
| <input type="radio"/>            | $\{(0, 5, 0, 3, 0, 2)\}$ |
| <input type="radio"/>            | $\{(0, 3, 0, 5, 0, 2)\}$ |
| <input checked="" type="radio"/> | $\{(0, 5, 0, 2, 0, 3)\}$ |
| <input type="radio"/>            | $\{(0, 2, 0, 3, 0, 5)\}$ |

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