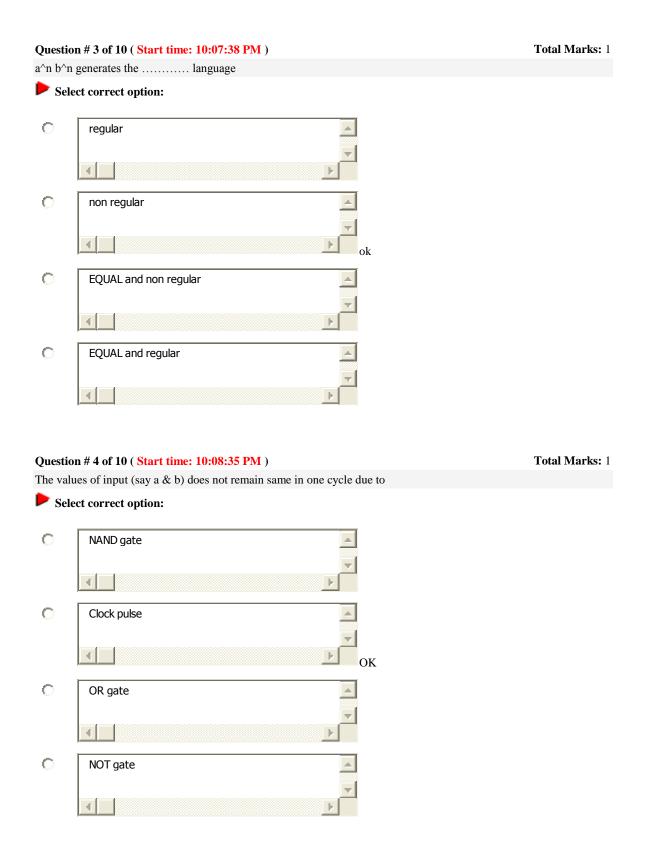
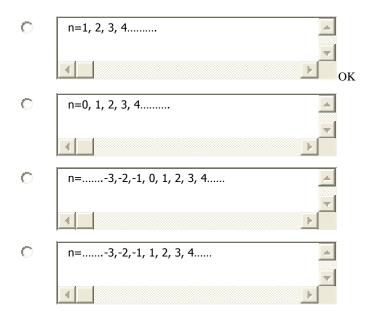
# Question # 1 of 10 ( Start time: 10:05:07 PM ) Total Marks: 1 According to Myhill Nerode theorem, if L generates finite no. of classes then L is...... Select correct option: 0 Finite 0 Infinite 0 Regular 0 Non regular The strings or words which do not belong to a language is called..... of that language Question # 2 of 10 ( Start time: 10:06:09 PM ) **Total Marks:** 1 The strings or words which do not belong to a language is called..... of that language **▶** Select correct option: O Intersection 0 Union 0 Complement 0 Quotient



In pumping lemma theorem (x y^n z) the range of n is

#### Select correct option:

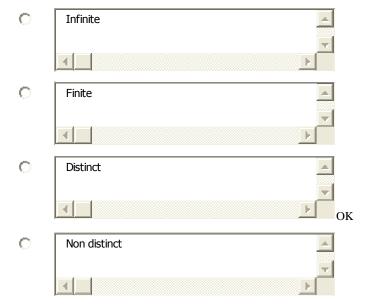


#### Question # 6 of 10 ( Start time: 10:11:10 PM )

**Total Marks:** 1

For language L defined over {a, b}, then L partitions {a, b}\* into ...... classes

#### Select correct option:

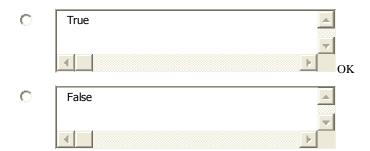


#### Question # 7 of 10 ( Start time: 10:11:43 PM )

**Total Marks:** 1

If the intersection of two regular languages is regular then the complement of the intersection of these two languages is also regular

#### **▶** Select correct option:

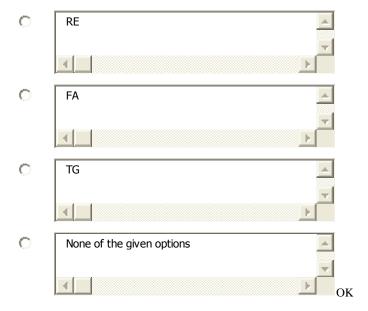


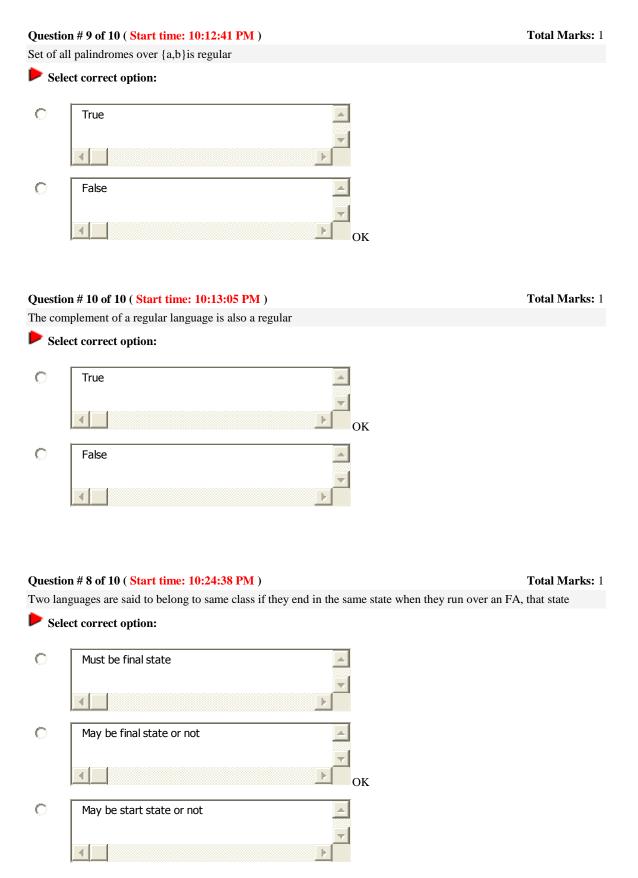
#### Question # 8 of 10 ( Start time: 10:12:20 PM )

**Total Marks:** 1

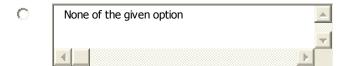
A non regular language can be represented by

### **▶** Select correct option:





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#### Question # 9 of 10 ( Start time: 10:25:54 PM )

**Total Marks:** 1

If L1 and L2 are regular languages then which statement is NOT true?



