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/ Quiz Curs

/ [Curs 5](#)**Started on** Wednesday, 1 November 2023, 2:09 PM**State** Finished**Completed on** Wednesday, 1 November 2023, 2:14 PM**Time taken** 4 mins 53 secs**Marks** 6.00/7.00**Grade** 8.57 out of 10.00 (85.71%)

## Question 1

Complete

Mark 1.00 out of 1.00

Limbaajul generat de urmatoarea gramatica:

 $S \rightarrow a S a$  $S \rightarrow \epsilon$ este  $L=\{a^n \mid n \in \mathbf{N}\}$ .

Select one:

☐ True☒ False

## Question 2

Complete

Mark 1.00 out of 1.00

Pentru orice limbaj generat de o gramatica independenta de context exista o gramatica monotona care il genereaza.

Select one:

☒ True☐ False

## Question 3

Complete

Mark 1.00 out of 1.00

Gramatica urmatoare este recursiva:

 $A \rightarrow BC$  $B \rightarrow C$  $C \rightarrow A$ 

Select one:

☒ True☐ False

## Question 4

Complete

Mark 1.00 out of 1.00

Urmatoarea gramatica este ambigua:

$$S \rightarrow S S$$

$$S \rightarrow a$$

$$S \rightarrow b$$

Select one:

- ☒ True  
☐ False

## Question 5

Complete

Mark 0.00 out of 1.00

Un simbol  $X$  este productiv dacă există o  $*$  derivare:  $S \Rightarrow^* \alpha X \beta$

Select one:

- ☒ True  
☐ False

## Question 6

Complete

Mark 1.00 out of 1.00

Limbajul generat de urmatoarea gramatica:

$$S \rightarrow a S$$

$$S \rightarrow a$$

este  $L=\{a^n \mid n \in \mathbf{N}\}$ .

Select one:

- ☐ True  
☒ False

Question **7**

Complete

Mark 1.00 out of 1.00

Limbajul generat de urmatoarea gramatica:

 $A \rightarrow B C$  $B \rightarrow C$  $C \rightarrow A$  $A \rightarrow a$ este  $L=\{ aa \}$  .

Select one:

☐ True☒ False[◀ Curs 4](#)

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