

**START OF QUIZ**

**Student ID:**

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## Question 1

Topic: Lecture 8

Source: Lecture 8

What is code-switching, and why is it a problem for NLP? (1)

## Question 2

Topic: Lecture 7

Source: Lecture 7

Why is datetime functionality necessary? That is, why can't we just use the date and time separately? (1)

### Question 3

Topic: Lecture 6

Source: Lecture 6

We saw that age and gender are relatively easy to predict from tweet history, but that personality traits are a lot harder. Why do you think that is? (1)

## Question 4

Topic: Lecture 7

Source: Lecture 7

How might you modify a standard sentiment analyzer to track change in sentiment over time? (2)

## Question 5

Topic: Lecture 5

Source: Lecture 5

When is ordinal classification more suitable for sentiment analysis than binary classification (2 factors)? (1)

## Question 6

Topic: Lecture 8

Source: Lecture 8

What is one similarity and one dissimilarity between emojis and emoticons? (1)

## Question 7

Topic: Lecture 5

Source: Lecture 5

In class, we said that "fake" fake reviews are often too prototypical when they are generated by hand. Given the tools you're familiar with, how do you think we could generate fake reviews automatically? Do you think they would suffer from the same problem? (2)



## Question 8

Topic: Lecture 6

Source: Lecture 6

How does modeling author personality help in the detection of sentiment (think about how it might help us determine sarcasm or interpret reviews). (2)

## Question 9

Topic: Long

Source: Lecture 8

Imagine that we were constructing a hate speech detector for social media. What factors of social media might we want to consider when building such a tool, and how would we combine them with what we know about sentiment detection in general? (3)

**END OF QUIZ**