

START OF QUIZ

Student ID:

77026334, Qiassi, Behrooz

Question 1

Topic: Lecture 7

Source: Lecture 7

Generate a frame for a "recommend a movie" dialogue action. It should have at least 5 slots to fill. (2)

Question 2

Topic: Lecture 7

Source: Lecture 7

How might we use SRL in the process of slot-filling? (1)

Question 3

Topic: Lecture 8

Source: Lecture 8

We waited until the last week of classes to talk about policy-making systems (like the one in ChatGPT), but several other systems you've looked at over the program could be considered to have a policy algorithm in place. Briefly describe one, and how you view it as a decision policy. (2)

Question 4

Topic: Lecture 8

Source: Lecture 8

How are dialogue acts similar to function calls? (1)

Question 5

Topic: Lecture 6

Source: Lecture 6

Neural Q/A (even before ChatGPT) was significantly better than previous models. Beyond just the traditional benefits of deep learning that we know of, (such as longer dependencies, etc.), why is this the case? (2)

Question 6

Topic: Lecture 5

Source: Lecture 5

Explain why a good IR tool is necessary to perform Bert-based Q/A. (1)

Question 7

Topic: Lecture 6

Source: Lecture 6

Provide a reasonable logical representation of the question “Who starred in Casablanca?” (1)

Question 8

Topic: Lecture 5

Source: Lecture 5

How does Bert deal with the potentially infinite vocabulary required to answer questions? (1)

Question 9

Topic: Coding

Source: Lecture 8

Imagine that I'm working with a client who wants a dialogue system that provides advice for his company. It has to fit on a phone, but might end up in regions with very limited cell service, so it has to be locally installed. We have limited memory (let's say 1Gb). How would we go about building such a tool? What are some questions we should ask the client? How would we provide the required functionality? Is it even possible? (3)

END OF QUIZ