START OF QUIZ
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Question 1

Topic: Lecture 8
Source: Lecture 8

When training BERT Dialogue systems, we often delexicalize the entries. Briefly explain the benefits this can provide to the model. (1)

Question 2

Topic: Lecture 6
Source: Lecture 6

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

Question 3

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 4

Topic: Lecture 7
Source: Lecture 7

Describe at least one piece of grounding in real life (outside the examples given in class). (1)

Question 5

Topic: Lecture 5
Source: Lecture 5

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

Question 6

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 7

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 8

Topic: Lecture 5
Source: Lecture 5

Jeopardy divides its questions into categories. Explain how this would help Watson improve the confidence in its answers. (1)

Question 9

Topic: Long
Source: Lecture 7

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