START OF QUIZ
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Question 1

Topic: Lecture 8
Source: Lecture 8

Explain why we train BERT dialogue systems with delexicalized entries. (1)

Question 2

Topic: Lecture 6
Source: Lecture 6

What is the focus of the following question: "Do you know when Jaws was released"? (1)

Question 3

Describe the two ways that we can construct Q/A databases, and how they differ. (2)

Question 4

Topic: Lecture 5
Source: Lecture 5

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

Question 5

Topic: Lecture 8
Source: Lecture 8

Why is it necessary to maintain a conversation history in a dialogue system (beyond just not asking the same question over and over again)? (1)

Question 6

Imagine that we have a great dialogue Q/A system that can fill slots with ease, and return relevant answers with high probability. However, our ASR system is pretty bad (it does really poorly with accents that are not "General American"). The model was trained on standard English text. Describe a few of the errors you can imagine the system making, and how we can improve the quality of our model (assume we can't improve the ASR). (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 7
Source: Lecture 7

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