Question Paper

French and Indian War

Instructions:
• Read all questions carefully before answering
• Write your answers clearly and legibly
• Manage your time effectively
• Show your work where applicable

Question 1: What is the primary objective of pre-training for an LLM? *(5 points)*

Question 2: What is the purpose of fine-tuning a pre-trained LLM in the context of instructive tasks? *(5 points)*

Question 3: What is the role of RLHF in the training process for a fine-tuned LLM? *(5 points)*

Question 4: What is the benefit of using In-context learning over traditional fine-tuning for adapting an LLM to specific tasks? *(5 points)*

Question 5: What is discussed in the document? *(5 points)*

Question 6: Who created the concept of In-context learning? *(5 points)*

Question 7: What is the primary objective of pre-training for an LLM? *(5 points)*

Question 8: What is the primary objective of pre-training for an LLM in the context of instructive tasks? *(5 points)*

Question 9: 1. Q: What is the benefit of using In-context learning over traditional fine-tuning? *(5 points)*

Question 10: What is discussed in the document? *(5 points)*

Answer Key

Answer 1: To teach the model general language understanding skills, so it can be fine-tuned for specific tasks or applications.

Answer 2: Fine-tuning a pre-trained LLM on datasets containing instructions and desired outputs helps to improve its ability to interpret and follow user instructions.

Answer 3: [answer]

Answer 4: [answer]

Answer 5: Only the exact question and response in the specified format. DO NOT repeat the previous questions or answers.

Answer 6: The concept of In-context learning is not attributed to a specific person, but rather it was first introduced as an idea in the paper "BERT: Pre-training of Deep Bidirectional Transformers for Language Understanding" by Jacob Devlin et al.

Answer 7: The primary objective of pre-training for an LLM is to generate a large amount of text that can be fine-tuned for specific tasks.

Answer 8: 1. To develop language understanding,2. to generate coherent responses,3. both 1 and 2.4. neither 1 nor 2.

Answer 9: Using In-context learning allows for better adaptation to specific tasks, as it enables the model to learn nuanced and context-specific language patterns.

Answer 10: Based on the document content