# **Denoising Pretraining**

Input: Masked Document

In a group [Mask] philosophical concept, Sarah [Mask] method by asking [Mask] questions to stimulate critical thinking [Mask] clarify [Mask]. The method helped her and [Mask] understanding of the concept and address areas of disagreement.

### Target: Document

In a group discussion about a philosophical concept, Sarah used the Socratic method by asking and answering questions to stimulate critical thinking and clarify underlying assumptions. The method helped her and her classmates achieve a deeper understanding of the concept and address areas of disagreement.

### Socratic Pretraining

#### Input: Masked Document

[Ask&Answer] [Mask] The method helped her and her classmates achieve a deeper understanding of the concept and address areas of disagreement.

# Target: Generated Question + Pseudo-Summary

How did Sarah use the Socratic method in a group discussion? [QSep] In a group discussion about a philosophical concept, Sarah used the Socratic method by asking and answering questions to stimulate critical thinking and clarify underlying assumptions.