

What kind of task?

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graph TD; A[What kind of task?] -- "Need exact answer" --> B[Factual/Deterministic?]; A -- "Need creativity" --> C[Creative/Diverse?]; B -- "Translation, Q&A" --> D[BEAM SEARCH width=3-5]; C -- "Short text" --> E[NUCLEUS p=0.9]; C -- "Long text" --> F[CONTRASTIVE α=0.6];
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Need exact answer

Need creativity

Factual/Deterministic?

Creative/Diverse?

Translation, Q&A

Short text

Long text

BEAM SEARCH
width=3-5

NUCLEUS
 $p=0.9$

CONTRASTIVE
 $\alpha=0.6$