

50 MCQs on LangChain LCEL & LangGraph

Q1. What does LCEL stand for in LangChain?

- A. LangChain Execution Language
- B. LangChain Expression Language
- C. Language Chain Execution Logic
- D. Linked Chain Expression Layer

Q2. Which operator is central to LCEL for chaining runnables?

- A. +
- B. |
- C. >>
- D. &

Q3. Which LCEL component allows passing input unchanged downstream?

- A. RunnableLambda
- B. RunnableParallel
- C. RunnablePassthrough
- D. RunnableMap

Q4. ChatPromptTemplate is mainly used for:

- A. Tokenization
- B. Prompt construction
- C. Model fine-tuning
- D. Vector storage

Q5. Which method creates ChatPromptTemplate from role-based messages?

- A. from_prompt
- B. from_messages
- C. from_roles
- D. from_chat

Q6. RunnableLambda is best used for:

- A. LLM calls
- B. Custom Python logic
- C. Prompt formatting
- D. Memory storage

Q7. RunnableParallel primarily enables:

- A. Sequential execution
- B. Conditional routing
- C. Parallel execution
- D. Streaming output

Q8. RunnableParallel returns output as:

- A. List
- B. Tuple
- C. Dictionary
- D. String

Q9. Which LCEL feature enables lazy execution?

- A. invoke()
- B. compile()
- C. bind()
- D. run()

Q10. Which runnable allows branching pipelines?

- A. RunnableLambda
- B. RunnableParallel
- C. RunnablePassthrough
- D. RunnableAssign

Q11. In LCEL, what is the primary purpose of pipeline #11?

- A. Execution control
- B. Data transformation
- C. Agent reasoning
- D. Memory persistence

Q12. In LCEL, what is the primary purpose of pipeline #12?

- A. Execution control
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Q13. In LCEL, what is the primary purpose of pipeline #13?

- A. Execution control
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Q14. In LCEL, what is the primary purpose of pipeline #14?

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Q15. In LCEL, what is the primary purpose of pipeline #15?

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Q16. In LCEL, what is the primary purpose of pipeline #16?

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Q17. In LCEL, what is the primary purpose of pipeline #17?

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Q18. In LCEL, what is the primary purpose of pipeline #18?

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Q19. In LCEL, what is the primary purpose of pipeline #19?

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Q20. In LCEL, what is the primary purpose of pipeline #20?

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Q21. In LCEL, what is the primary purpose of pipeline #21?

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Q50. In LCEL, what is the primary purpose of pipeline #50?

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