■ Agent in OpenAI Agents SDK - MCQ Question Bank

1. What is an Agent in the OpenAI Agents SDK?

A) A reasoning entity that can decide, plan, and call tools or APIs
B) A pre-trained database of embeddings
C) A module for encryption and decryption
D) A library for running fine-tuned models

Answer: A. Agents are reasoning components capable of orchestrating decisions and invoking tools.

2. Which import is used to define an Agent?

A) from agents import Agent
B) from sdk.agent import AI
C) from openai import AgentSDK
D) from chainlit import Agent

Answer: A. The core Agent class is imported directly from `agents`.

3. What is the primary purpose of an Agent?

A) Handle reasoning steps and tool calls
B) Encrypt API keys
C) Build UIs
D) Save datasets

Answer: A. Agents handle reasoning and call tools when needed.

4. Tools in an Agent workflow are:

A) Functions, APIs, or utilities the Agent can invoke
B) Only built-in models
C) Debugging utilities
D) Prompt templates

Answer: A. Tools extend an Agent's functionality with external actions.

5. Which describes the Agent's reasoning loop?

A) Input → Reasoning → Tool Call → Result → Output
B) Input → Save → Deploy → Output
C) Prompt → Train → Fine-tune → Output
D) Query → Guardrail → Reject → Exit

Answer: A. Agents use a reasoning loop with tool calls and results.

6. Which parameter specifies the LLM model in Agent config?

A) engine
B) model
C) runner
D) async_mode

Answer: B. `model` defines the underlying LLM for the Agent.

7. What is the relation between Agent and Runner?

A) Agent handles reasoning, Runner executes the loop
B) Runner fine-tunes the Agent
C) Agent stores datasets, Runner queries them
D) Runner replaces Agent

Answer: A. Agents decide, Runners execute.

8. Structured outputs in Agents are ensured using:

A) JSON schema
B) Guardrails only
C) Async functions
D) UI components

Answer: A. JSON schema enforces structured outputs.

9. Which of the following is NOT a role of an Agent?

A) Calling APIs via tools
B) Managing reasoning steps
C) Handling prompt orchestration
D) Encrypting API keys

Answer: D. Agents don't handle encryption.

10. Why is the Agent concept central in SDK?

A) Standardizes reasoning + tool use
B) Makes APIs cheaper
C) Replaces databases
D) Handles streaming by itself

Answer: A. Agents provide the core reasoning + tool orchestration framework.

11. Which method typically runs an Agent?

A) runner.run(agent)
B) agent.start()
C) agent.train()
D) runner.deploy()

Answer: A. Runner executes the Agent's reasoning loop.

12. Which type of tasks suit Agents best?

A) Multi-step reasoning with API/tool use
B) Single text completions
C) Only embeddings lookups
D) Local training

Answer: A. Agents shine in complex workflows.

13. Guardrails in Agent workflows are used to:

A) Restrict harmful or non-compliant actions
B) Reduce tokens
C) Compress responses
D) Handle async loops

Answer: A. Guardrails ensure safety and compliance.

14. Which config allows creativity in Agent responses?

A) temperature
B) max_tokens
C) async_mode
D) schema

Answer: A. Temperature controls randomness in outputs.

15. Which Python async keyword is used when calling Agent functions?

A) await
B) async_run
C) defer
D) yield

Answer: A. Async agents are awaited with `await`.

16. What does an Agent return if tool calls are used?

A) Final answer including tool results
B) Only raw API responses
C) Only structured JSON
D) Error codes

Answer: A. Agents integrate tool outputs into responses.

17. Which part of the SDK enables Agents to use OpenAI models?

A) OpenAIChatCompletionsModel
B) ChainlitConnector
C) EmbeddingsStore
D) DatasetLoader

Answer: A. ChatCompletionsModel integrates OpenAI LLMs with Agents.

18. What type of prompt design does an Agent rely on?

A) Few-shot prompting with reasoning
B) Image-to-text conversion
C) Numeric embeddings
D) Dataset labeling

Answer: A. Agents often use structured prompts for reasoning.

19. Which statement is true about Agents and Tools?

A) Agents invoke tools dynamically based on reasoning
B) Tools run without Agent decisions
C) Agents cannot use external APIs
D) Tools are built only for JSON parsing

Answer: A. Tools are invoked dynamically when needed.

20. How does Agent differ from a simple Chat Model?

A) Agents can reason and use tools, while chat models only generate text
B) Agents run faster than chat models
C) Chat models cannot be streamed
D) Agents do not need prompts

Answer: A. Agents extend chat models with reasoning + tool use.

21. Which Agent config helps limit token usage?

A) max_tokens
B) temperature
C) async_mode
D) schema

Answer: A. max_tokens sets output length.

22. Which statement about async Agents is true?

A) They support non-blocking execution with AsyncOpenAI
B) They cannot call external tools
C) They are faster but less accurate
D) They skip reasoning loops

Answer: A. AsyncOpenAI allows non-blocking execution.

23. Why are Agents considered agentic?

A) They take actions through reasoning and tools
B) They are lightweight wrappers only
C) They do not support autonomy
D) They only mimic chatbots

Answer: A. Agentic = action + reasoning.

24. What happens if an Agent cannot solve a query?

A) It may escalate via tools or return fallback response
B) It crashes immediately
C) It ignores user input
D) It always trains a new model

Answer: A. Agents can use fallback or external tools.

25. Which is an example of Agent usage?

A) A cargo tracking bot calling shipment APIs
B) An Excel macro
C) A static webpage
D) A CSV parser

Answer: A. Agents are often used for task automation with API calls.