



OpenAI Agents SDK MCQS

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1. When `failure_error_function=None` is set in `@function_tool`, what occurs if the tool fails?

- A) A default error message is sent to the LLM
- B) The error is logged but execution continues
- C) The original exception is re-raised for manual handling
- D) The tool silently fails without notification

2. If you set `tool_choice="required"` in `ModelSettings`, what behavior occurs?

- A) The LLM must use at least one tool but can choose which one
- B) The LLM must use all available tools
- C) The LLM must use tools in a specific order
- D) The LLM can optionally use tools based on context

3. Which span type logs the execution of a function-tool call?

- A) `GenerationSpanData`
- B) `HandoffSpanData`
- C) `FunctionSpanData`
- D) `GuardrailSpanData`

4. When `tool_use_behavior="stop_on_first_tool"` is configured, what happens after a tool executes?

- A) The agent waits for user confirmation to continue
- B) The tool's output becomes the final response without further LLM processing
- C) The agent automatically calls the next tool in sequence
- D) The LLM processes the tool output and generates a final response

5. Which `AgentHooks` method is called after the agent's reasoning completes but before any tool is invoked?

- A) `on_agent_start`
- B) `on_agent_end`
- C) `on_tool_start`
- D) None of the above

6. If `handoff_description` is not provided for an agent, what happens during handoff routing?

- A) The handoff will fail with an error
- B) The LLM uses only the agent's name for routing decisions

- C) A default description based on the agent name is automatically generated
- D) The agent becomes unavailable for handoffs

7. When use_docstring_info=False is set in @function_tool, what occurs?

- A) The function cannot be used as a tool
- B) Only the function name is used; docstring descriptions are ignored for tool schema
- C) The tool description becomes empty
- D) Default descriptions are automatically generated

8. What happens when max_turns is exceeded during an agent run?

- A) The agent returns a partial result
- B) The agent switches to a simpler model
- C) A MaxTurnsExceeded exception is raised and execution stops
- D) The agent continues with reduced functionality

9. What happens when an input guardrail's tripwire_triggered is set to True?

- A) The agent continues running but logs a warning
- B) The agent execution is immediately halted and InputGuardrailTripwireTriggered exception is raised
- C) The agent switches to a safer mode of operation
- D) The agent asks the user to modify their input

10. If an Agent has both input_guardrails and handoffs, when do the guardrails execute?

- A) Guardrails run every time the agent executes
- B) Guardrails only run when the agent is the first agent in the workflow
- C) Guardrails run after each handoff
- D) Guardrails run only on the final output

11. If temperature=0.0 is set in ModelSettings, what behavior is expected?

- A) The LLM becomes completely random
- B) The LLM produces deterministic, consistent outputs
- C) The LLM stops generating responses
- D) The LLM generates very short responses

12. When an output guardrail detects inappropriate content, what occurs?

- A) The content is automatically censored
- B) A warning is added to the output
- C) OutputGuardrailTripwireTriggered exception is raised and execution halts
- D) The agent regenerates the response

13. To let agents take actions like fetching data, running code, calling external APIs – which feature of OpenAI Agents SDK is used?

- A) Agent loop
- B) Tool calling
- C) Handoffs
- D) Guardrails

14. Handoffs are represented as tools to the LLM?

1. True
2. False

15. What does the input_filter param do in customized handoff function?

1. It checks the user input
2. This lets you filter the input received by the next agent
3. This is the alternate of input guardrails

16. When the handoffs occur the current agent is updated to whom the task has been delegated to.

1. True
2. False

17. By default Max Turns for an LLM is

- A) 5
- B) 15
- C) 10
- D) 20

18. Which two methods must any AgentOutputSchemaBase subclass implement?

- A) name() and execute_tool()
- B) json_schema() and is_plain_text()
- C) format_output() and parse_input()
- D) to_dict() and from_json()

19. What is the consequence of setting tracing_disabled=True in RunConfig? A) Only error traces are captured

- B) Traces are stored locally instead of being sent to OpenAI
- C) No traces are generated for that specific agent run
- D) Traces are generated but not displayed in the dashboard

20. A tripwire in an input_guardrail raises which exception? A)

- AgentsException
- B) InputGuardrailTripwireTriggered
- C) UserError
- D) ModelBehaviorError

21. What occurs when reset_tool_choice=False is set on an Agent?

- A) The tool_choice setting persists across multiple tool calls, potentially causing infinite loops
- B) The agent can never reset its tool preferences
- C) Tools become permanently disabled after first use
- D) The agent always uses the default tool_choice setting

22. To group several runs under the same trace ID for observability, you should:

- A) Call with `trace("MyTrace")`: around each `Runner.run()`
- B) Pass `trace="MyTrace"` to each Agent constructor
- C) Use `add_trace_processor()` only once at startup
- D) Use `group_id` in `RunConfig`

23. Which holds the credentials (e.g. API key) for calling an LLM?

- A) `ModelSettings`
- B) `ModelProvider`
- C) `OpenAIChatCompletionsModel` directly
- D) `RunConfig`

24. What is the effect of setting `model="litellm/anthropic/claude-3-5-sonnet"` on an Agent?

- A) The agent uses Claude through LiteLLM integration instead of OpenAI
- B) The agent uses OpenAI but with Claude-like behavior
- C) The agent fails to initialize
- D) The agent uses a fine-tuned OpenAI model

25. If `input_filter=handoff_filters.remove_all_tools` is applied to a handoff, what happens? A) The new agent cannot use any tools

- B) All tool calls are removed from conversation history passed to the new agent
- C) Only the most recent tool calls are removed
- D) Tool outputs are removed but tool calls remain

26. What occurs if an Agent's `instructions` parameter is a function instead of a string?

- A) The agent fails to initialize
- B) The function is called dynamically to generate instructions based on context
- C) The function is converted to a string representation
- D) Static default instructions are used

27. When does the SDK enforce input schema validation for tools?

- A) When the tool is invoked at runtime
- B) During agent initialization
- C) During tool registration
- D) After all tools finish running

28. How many tools can you register in one agent?

- A) 10
- B) 15 C) 5+
- D) No fixed limit

29. If `top_p=0.1` is set in `ModelSettings`, what behavior is expected?

- A) The LLM considers only the top 10% most probable tokens
- B) The LLM uses 10% of its processing power
- C) The LLM generates 10% shorter responses
- D) The LLM operates 10% faster

30. What is the consequence of not providing a handoff_description for routing agents?

- A) Handoff routing becomes more accurate
- B) The LLM has less context for making intelligent routing decisions
- C) Handoffs are disabled automatically
- D) Default routing logic is used

31. If workflow_name is set in RunConfig, how does it affect tracing?

- A) It changes the agent's behavior
- B) It provides a logical name for the trace workflow in the dashboard
- C) It enables additional trace features
- D) It links the trace to a specific user

32. When StopAtTools is used with specific tool names, what happens if those tools are not called?

- A) The agent run fails with an error
- B) The agent continues normal execution and processes LLM output
- C) The agent automatically calls those tools
- D) The agent waits indefinitely for tool calls

33. What occurs when an Agent has both tools and handoffs configured?

- A) Only tools can be used, handoffs are ignored
- B) Only handoffs work, tools are disabled
- C) The LLM can choose to either use tools or make handoffs based on the situation
- D) Tools and handoffs must be used in a specific order

34. If group_id is set in tracing, what purpose does it serve?

- A) It groups agents by functionality
- B) It links multiple traces from the same conversation or session
- C) It sets security permissions for traces
- D) It determines trace storage location

35. If docstring_style="google" is specified in @function_tool, what occurs?

- A) The tool can only process Google-related queries
- B) The docstring is parsed using Google's docstring format for parameter descriptions
- C) The tool uses Google's AI models
- D) The tool documentation is stored on Google servers

36. When tool_choice="auto" is set, what is the LLM's behavior?

- A) The LLM automatically uses the best tool for each situation
- B) The LLM decides whether to use tools based on the request context
- C) The LLM always uses tools when available
- D) The LLM randomly selects tools to use

37. What is the impact of setting max_num_results=10 on FileSearchTool?

- A) The search becomes 10 times faster
- B) Only the top 10 most relevant results are returned from vector search

- C) The tool searches through 10 different file types
- D) The search is limited to files smaller than 10MB

38. If an Agent has output_guardrails but is not the last agent (due to handoffs), when do the guardrails run?

- A) They run immediately after the agent generates output
- B) They run only when the agent becomes the last agent in the chain
- C) They run before each handoff
- D) They never run

39. What occurs when vector_store_ids is empty in FileSearchTool?

- A) The tool searches all available vector stores
- B) The tool cannot function and will raise an error
- C) The tool uses a default vector store
- D) The tool searches local files instead

40. When multiple input_guardrails are configured on an Agent, what is the execution behavior?

- A) Only the first guardrail runs
- B) All guardrails run in parallel, and if any tripwire is triggered, execution stops
- C) Guardrails run in sequence and all must pass
- D) A random guardrail is selected

Answers List:

1. C
2. A
3. C
4. B
5. D
6. C
7. B
8. C
9. B
10. B
11. B
12. C
13. B
14. True
15. This lets you filter the input received by the next agent

16. **True**
17. **C (10)**
18. **B**
19. **C**
20. **B**
21. **A**
22. **D**
23. **B**
24. **A**
25. **B**
26. **B**
27. **A**
28. **D**
29. **A**
30. **B**
31. **B**
32. **B**
33. **C**
34. **B**
35. **B**
36. **B**
37. **B**
38. **B**
39. **B**
40. **B**

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