Multiple-Choice Questions on Streaming (OpenAI Agents SDK)

**1. What does the streaming feature enable in the Agents SDK?**

**A.** Batch processing results  
**B.** Subscribing to live updates of agent runs, like progress and partial responses  
**C.** Debugging tools offline  
**D.** Saving conversations  
**Answer:** B — Streaming lets you subscribe to updates of the agent run as it proceeds, showing progress and partial responses

**2. Which method initiates a streaming run?**

**A.** Runner.run()  
**B.** Runner.run\_sync()  
**C.** Runner.run\_streamed()  
**D.** Runner.stream()  
**Answer:** C — You use Runner.run\_streamed() to get a streaming run and receive a RunResultStreaming

**3. What does calling result.stream\_events() return?**

**A.** A final string output  
**B.** A list of events  
**C.** An async stream of StreamEvent objects  
**D.** A real-time dashboard  
**Answer:** C — It yields an asynchronous stream of StreamEvent objects

**4. Which type of event includes low-level data from the LLM, such as token deltas?**

**A.** RunItemStreamEvent  
**B.** AgentUpdatedStreamEvent  
**C.** RawResponsesStreamEvent  
**D.** StreamResultEvent  
**Answer:** C — RawResponsesStreamEvent carries raw LLM data including token-by-token text

**5. The RawResponsesStreamEvent follows which format?**

**A.** Custom JSON format  
**B.** OpenAI Responses API format (response.output\_text.delta, etc.)  
**C.** Proprietary binary  
**D.** Plain text only  
**Answer:** B — It follows the OpenAI Responses API format with event types like response.created, response.output\_text.delta, etc.

**6. What is the purpose of RunItemStreamEvent?**

**A.** Raw LLM streaming only  
**B.** Indicates when a RunItem (message, tool call, etc.) is fully generated  
**C.** Outputs final summary  
**D.** Logs tracing data  
**Answer:** B — RunItemStreamEvent signals when items like messages, tool calls, or outputs are completed

**7. Which event indicates that the current agent has changed, such as after a handoff?**

**A.** RawResponsesStreamEvent  
**B.** RunItemStreamEvent  
**C.** AgentUpdatedStreamEvent  
**D.** AgentChangedEvent  
**Answer:** C — AgentUpdatedStreamEvent gives updates when the agent changes

**8. Which of the following is not a valid RunItemStreamEvent.name?**

**A.** message\_output\_created  
**B.** tool\_called  
**C.** handoff\_occured  
**D.** session\_ended  
**Answer:** D — session\_ended is not among them; valid names include message\_output\_created, tool\_called, handoff\_occured, etc.

**9. Which event type should you ignore if you want only high-level developments (like agent or tool changes)?**

**A.** raw\_response\_event  
**B.** run\_item\_stream\_event  
**C.** agent\_updated\_stream\_event  
**D.** None  
**Answer:** A — You'd filter out the low-level raw\_response\_event to focus on higher-level events

**10. The raw event data can be useful for:**

**A.** Final output only  
**B.** Visual dashboards  
**C.** Streaming LLM responses token-by-token to users  
**D.** Debugging tools only  
**Answer:** C — Raw events can stream LLM outputs token-by-token in real-time

**11. Which event explains that a tool has been invoked in the agent run?**

**A.** RunItemStreamEvent with name="tool\_called"  
**B.** AgentUpdatedStreamEvent  
**C.** RawResponsesStreamEvent  
**D.** stream\_event\_tool\_start  
**Answer:** A — It's a RunItemStreamEvent with the name tool\_called

**12. If you want to notify a UI that the agent switched (e.g., via handoff), which event should you listen to?**

**A.** tool\_output  
**B.** agent\_updated\_stream\_event  
**C.** raw\_response\_event  
**D.** run\_item\_stream\_event  
**Answer:** B — For agent switches, listen to AgentUpdatedStreamEvent

**13. Which streaming event informs you when the agent has finished its run?**

**A.** There is no direct event—stream ends  
**B.** RunItemStreamEvent with name="run\_complete"  
**C.** AgentUpdatedStreamEvent end marker  
**D.** RawResponsesStreamEvent with type response.completed  
**Answer:** A — There’s no explicit "finished" event; the stream stops when the run completes.

**14. Which of the following is a correct event type alias for all streaming events?**

**A.** StreamEvent = RawResponsesStreamEvent | AgentUpdatedStreamEvent | RunItemStreamEvent  
**B.** StreamEvent = RawEvent | ItemEvent  
**C.** StreamEvent = LLMEvent  
**D.** StreamEvent = FinalEvent  
**Answer:** A — That's the documented type alias for streaming events

**15. In the example for raw events, which class type is used to check data before printing tokens?**

**A.** ResponseTokenEvent  
**B.** ResponseTextDeltaEvent  
**C.** RawTextEvent  
**D.** LLMDeltaEvent  
**Answer:** B — They check if the data is an instance of ResponseTextDeltaEvent

**16. If you only care about higher-level run stages, which event type provides that abstraction?**

**A.** RawResponsesStreamEvent  
**B.** RunItemStreamEvent  
**C.** AgentUpdatedStreamEvent  
**D.** All of the above  
**Answer:** B — RunItemStreamEvent gives structured updates like message creation or tool runs

**17. Streaming is particularly useful for:**

**A.** Logging only when the run completes  
**B.** Reducing code complexity  
**C.** Real-time feedback and UI responsiveness  
**D.** Offline batch processing  
**Answer:** C — Streaming keeps the UI responsive and gives real-time updates

**18. Which method does not return a RunResultStreaming?**

**A.** Runner.run\_streamed()  
**B.** Runner.run()  
**C.** Both A and B  
**D.** Only Runner.run\_sync()  
**Answer:** B — Only run\_streamed() returns RunResultStreaming; run() returns the final result

**19. When streaming, how can one output the text incrementally to the console?**

**A.** Loop through stream\_events() and print all event types  
**B.** Filter RawResponsesStreamEvent and print delta from token events  
**C.** Wait for final output and then print  
**D.** Use only RunItemStreamEvent data  
**Answer:** B — You’d proceed token-by-token using the delta attribute of ResponseTextDeltaEvent

**20. What advantage does RunItemStreamEvent provide over raw token streaming?**

**A.** More detailed token info  
**B.** Higher-level structure indicating tool calls, messages, and handoffs  
**C.** It’s faster  
**D.** Only for debugging  
**Answer:** B — It provides meaningful structured events like when messages or tool calls complete