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1) A non-zero clock skew implies clocks are synchronized. The statement is

a. True

☒ b. False

2. Which of the following are the ex. of external synchronization for a grp of processes?

☒ a. Christian's algorithm

☒ b. NTP

c. Berkeley Algorithm

☒ d. DTP

3. Which of the following are the examples of internal synchronization for grp of process.

a. Christian's algorithm

b. NTP

☒ c. Berkeley Algorithm

☒ d. DTP.



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4. Consider two events a & b. Event a has a Lamport timestamp of 4. Event b has a " " of 8. Consider the statement:

a. True

b. False

5. In the synchronous sys model consensus is solvable whereas in the synchronous system model consensus is impossible to solve. The statement is:-

a) True

b) False

6) In — a channel acts like a set in which the sender process adds messages and the receiver process remove it in a random order.

a. Non-FIFO model

b. FIFO model

7. In an IoT platform, — send data or events that are used to generate —

a. Insights, things

b. Things, insights

c. things, actions

d. Actions, things



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8. — is data to process in real time within seconds of the happening & then it is presented to in the consumption layer

- a. Hot path data
- b. Cold path data
- c. Default " "
- d. Hot "

9. Lamport timestamps not guaranteed to be ordered or unequal for concurrent events. The stmts is :-

- a) True
- b) False

10. Which of the follow. can be used for streaming

- a. Databricks
- b. Kafka
- c. Cassandra
- d. Hadoop