Clearly mark (X) all correct statements below:

___ A critical section is a place in code where shared resources are accessed.

___ With transactional memory, conflicts are detected dynamically and resolved by restarting one or more transactions.

___ Priority inversion refers to situations where a lower-priority process starves.

___ A race condition occurs when the output depends on the timing (e.g., when multiple threads access the same shared data structures).