

# Quiz#4

## AI-5A

**Time: 8 mins**

**Q1#** What happens if ***sem\_post*** is called more times than ***sem\_wait*** on a semaphore? Explain with an example.

**Q2#** Write a program where:

- Thread A waits for a signal from Thread B.
- Thread B waits for a signal from Thread C.
- Use binary semaphores to ensure the correct sequence of execution:  
**Thread C → Thread B → Thread A.**