Qn1. What is operating system? What are the methods to install OS in new PC/Laptop?

Qn2. Explain ISA(Instruction Set Architecture) with basic diagram?

Qn3. What do you mean by pipelining? Explain different types of pipelining? What are pipelining hazards?

Qn4. What is parallel computing? Mention its pros and cons.

Qn5. What is different between Parallel computing and Serial computing?

Qn6. What is serial computing? What are its limitations.

Qn7. Explain the different types of memory architecture with neat diagram?

Qn8. Explain the shared memory with basic diagram? Also mention its advantages and disadvantages?

Qn9. Explain the distributed memory with basic diagram? Also mention its advantages and disadvantages?

Qn10. Explain the shared memory with basic diagram? Also mention its advantages and disadvantages?

Qn11. Explain the Hybrid distributed shared memory with basic diagram? Also mention its advantages and disadvantages?

Qn12. What do you mean by distributed system? Why do we need this system? Explain different types of distributed system?

Qn13. Differentiate between UMA and NUMA.

Qn14. What is multiprocessor? Explain different types of multi processor?

Qn15. What is SMP? Explain what is the role of IPC in Computing?

Qn16. What is stack? Explain Push and Pop operation with neat diagram?