

BCA 1<sup>ST</sup> YEAR SELECTED QUESTIONS FOR EXAM

SUBJECT-DIGITAL COMPUTER ELEC.

1. What is number system? Explain types of number system.
2. Explain fixed point representation of a number.
3. What is floating point representation explain it.
4. What is computer codes? Explain Ascii code.
5. Write about basic gates and universal gates.
6. What is K map ? Explain types of K map.
7. What is cache memory? Explain types of cache memory.
8. Explain virtual memory.
9. Write difference between asynchronous and synchronous data transfer.
10. What is addressing modes? Explain it.
11. What is DMA?
12. Write about data bus and address bus.
13. Explain different types of file management systems.
14. Explain Disk structure.
15. Give difference between primary and secondary memory.
16. What do you mean by word length of a computer?
17. What is memory cell? Explain features of memory cell.
18. Write about serial and parallel data transfer schemes.
19. Give difference between RISC and CISC.
20. Write about microprocessor.
21. Explain wifi and bluetooth data transfer .

Reference books:- Rashid sheikh and moris maano