COA – important questions for end semester examination

1. difference between computer organization and computer architecture – chapter 1
2. designing for performance – chapter 1
3. instruction format - chaptrer 2
4. Addressing modes – chapter 2
5. Processor unit – chapter 2
6. Four segment instruction pipeline – chapter 2
7. RISC and CISC – chapter 2
8. Hardwired vs microprogrammed control unit – chapter 3
9. Signed multiplication:Booth’s algorithm – chapter 4
10. Restoring division algorithm – chapter 4
11. Non-restoring division algorithm – chapter 4
12. Memory hierarchy – chapter 5
13. Cache memory – chapter 5
14. Direct and associative mapping in organization of cache memory – chapter 5
15. Modes of transfer – chapter 6
16. Direct memory access(DMA) – chapter 6