

1. Explain **Pages** and **Frames**.
2. Talk about the difference between **Real Memory** and **Virtual Memory**.
3. What are the advantage and drawbacks of **Virtual Memory with paging**?
4. Which kind of fragmentation (external or internal) will be influenced by the **page size**? What will happen if the page size goes smaller? What is the drawback(s) of small page size?
5. What is the **page fault**?
6. Why we need fetch policy (What is determined by **fetch policy**)? Briefly list two types of fetch policy.
7. What is **replacement policy**? What are the advantages and drawbacks of 4 replacement algorithms? (Optimal, LRU, FIFO, Clock)
8. What is needed to determine the page sequence in Optimal page replacement policy?
9. Compare and contrast Virtual Memory with **Paging** and **Segmentation**. What are respective advantages and drawbacks?