1. Compare the following main memory organization schemes: contiguous memory  
   allocation, pure [segmentation](http://gyan.fragnel.edu.in:2222/moodle/mod/url/view.php?id=11407), and pure [paging](http://gyan.fragnel.edu.in:2222/moodle/mod/url/view.php?id=11399) with respect to the following issues:  
   i) External fragmentation ii) Internal fragmentation iii) Ability to share code across processes.
2. Explain virtual memory concept
3. how is address translation done in [paging](http://gyan.fragnel.edu.in:2222/moodle/mod/url/view.php?id=11399)
4. how is address translation done in [paging](http://gyan.fragnel.edu.in:2222/moodle/mod/url/view.php?id=11399) using TLB
5. how is address translation done in segmentation
6. What is demand paging .What are the advantages of demand paging
7. What is best fit , Worst fit, next fit and first fit allocation technique. State its adv and disadv
8. What is dynamic memory allocation. State its adv and disadv
9. What is fixed memory allocation. What are its adv and disadv
10. What is thrashing? how is it handled
11. Numericals on paging replacement algo, Dynamic memory allocation techniques, address translation in paging and segmentation.