Model questions OS-1

[Each question from Q.1 to Q.10 carries 2 mark , from Q.11 to Q.15 carries 6 marks and from Q.16 to Q.18 carries 10 marks]

1. What is the purpose of command interpreter?
2. List out different services of Operating Systems
3. Define spooling.
4. What is real time system?
5. Define multitasking.
6. What is page fault?
7. Define semaphore.
8. What is turnaround time?
9. What is swapping?
10. Define virtual memory.
11. Distinguished between contiguous and non- contiguous memory allocation.
12. What is deadlock? How is it prevented?
13. Describe demand paging with neat diagram.
14. Write down different page replacement algorithm in demand paging.
15. What is the function of loader? Name and explain in brief typed of loader.
16. State and explain seven phases of a compiler.
17. Briefly describe different file access method.
18. What is banker's algorithm? Describe with an example.