TOPIC: WORKING WITH OPERATING SYSTEM

1.	What is system software and application software? Explain each.
2.	Explain briefly Single program, Multiprogram, Time sharing, Real time, Multiprocessing and Interactive/GUI operating systems with examples.
3.	Explain briefly Packages, Utilities and Customized software with examples.
4.	What are the functions of an operating system? Explain each.
5.	What is Throughput?
6.	Explain a) Job Scheduling b) Process c) Process Control Block
7.	Explain briefly Non-Preemptive Scheduling and also explain the three scheduling techniques used in it(FCFS,SJN and Deadline Scheduling).
8.	Explain briefly Preemptive Scheduling and also explain the two scheduling techniques used in it(Round Robin and Response Ratio Scheduling).
9.	What is contiguous and Non contiguous storage allocation?
10.	Explain Virtual storage using paging and Virtual storage using segmentation.
11.	Explain the physical IOCS and logical IOCS.
12.	Explain briefly on 'file systems'.
13.	Write a note on some commonly used operating systems