**Question Bank for CIE II**

* What is the U area? List and explain fields from the U area.
* What is a context switch?
* Explain the algorithm for exit () system call.
* What is the use of fork () system call? Explain the sequence of operations kernel executes for fork.
* Draw and explain user level and kernel level priority.
* What is demand paging? Explain data structures used for it.
* Explain in detail allocation of space on swap device.
* Explain page fault. Explain handling of validity page fault.

**Question Bank for CIE II**

* What is Digital Signature? How it works?
* Explain different tools for used for conducting forensic analysis & examination
* Explain the concept of Buffer overflow in detail
* Explain the procedure for getting back deleted files.
* List and Explain types and component of Firewall
* What is DDoS? Illustrate with example
* Illustrate the objectives of IT act.
* Define the terms- 1) Snort 2) Honeypot 3) Intrusion deterrence 4) International Mobile Equipment  
  Identity 5) Subscriber Identity Module (SIM) 6) Intrusion Deflection 7) Integrated Circuit Card Identification 8) International Mobile Subscriber Identity.