**Sample Questions and Patterns**

* The paper would involve more analysis and logical thinking than reproducing what has been learnt in the class. Focus on the discussions and examples that were quoted during the class.
* You might get some direct questions to also write the theory like that of explaining a particular architecture etc.
* Understand your concepts well so it can be applied to questions.
* There will be some code based questions. Given a code, there can be some questions testing your understanding of the concepts. I will not give anything to code separately.
* Protocols like HTTP, HTTPS must be studied.
* CDNs, adaptive hypermedia based questions can be expected. (applicative)

1. Given a following scenario, what technology stack would you adapt? It might not be necessary to just use the same stack, i.e. LAMP or MEAN. You can also combine them like, using Express, Node.js, JS for front-end and MySQL for database. This will completely depend on the requirement of the web platform that is going to be developed considering scalability of the web platform, architecture to be used for hosting, available time frame for development and working man power resources accustomed to using a particular stack (Remember it would take time to train resources for MEAN in case they are not familiar with the backend js).
2. Know the difference between microservices, serverless and monolithic architectures in terms of different performance metrics such as scalability
3. Given a scenario, what load balancing measures would be suitable? Load balancing as discussed can be done at different levels. So, based on a scenario, what measures would you take.
4. What HTTP methods are suitable for a particular scenario