1. Make a sorted list of high frequency questions asked in University papers. Sort in descending order. Increment the count of a question even if it has different mark weightage.
2. Identify a problem that Mumbai and her citizens face. The broad problem can be common but the solutions from each group must be unique. Ensure this by disclosing your approach to other groups if required. As a group how would you tackle it? Describe the problem, existing solutions if any and finally your solution, in not more than one page. You may use at the most two pages. It is not required, but it would be great if you can infuse your engineering skillset in the solution. Let your solution be ambitious in nature, but cannot not be fictitious.
3. Identify 5 foreign and 2 domestic universities which have active research groups in computer networks. Do not include top 20 universities of any nation (except India). (for eg: do not include MIT, Harvard and UPenn from USA). Summarize their research activity in **Your Own Words (in less than 200 words). Do Not Copy-Paste from the Webpages.**
4. Identify 5 recent (last 6 years) startups in the silicon-valley that were built around computer networks. (NB: Startups only and not established companies like Yahoo, Google etc.)
5. How in your view, has the Internet affected our society in general? Can the Internet be used to tackle issues like education, agriculture and equality in rural India? Feel free to identify other aspects as well.
6. Identify career paths which you can choose with this course as the base. State the milestones required to reach a certain higher professional level in your career during the 5 years after graduation.
7. What are the legal issues around internet? Discuss aspects like ownership of data, jurisdiction over data, privacy etc. Three groups will be chosen randomly present their views on this question.