ANSWERS:

1. Considerations:
    1. CSS - Probably the most important aspect in web-development, sadly often ignored and doesn't get its due, especially when the app is exposed to thousands of users. Nobody wants to live in a house without paints. So, need is to architect css in a smart way preferably using SCSS (similar). Use practices such as :
        1. Define variables at one place in a separate file so that if a repeating pattern is to be changed (be it color, font-size etc)
        2. Use features such as mixing, placeholder classes and functions to modularize the code
        3. Implement responsive typography using various techniques out there
        4. Hold back from using media query unless its really necessary
    2. JS
        1. The landing page should load less than 2 seconds, use techniques to keep users interested during the load time
        2. After choosing a framework, decide on the coding standards to follow and stick to it.
2. Techniques to keep updated:
    1. Google app - Recommends latest developments in your most searched technology
    2. Follow the individuals who are considered an authority when it comes to JS/Frontend , and listen to them once in a while on their opinions
    3. Enroll in some courses online from platforms such as Udemy / FE Masters

Section 2

1. Unfortunately, In all of my professional experiences, I have never used any testing framework such as chai, jest etc. It was manual testing and strategies such as , reviewing code from at least 2 other devs who would test the functionality on their local machine before approving the PR and then a team of QA would give the final thumbs up.

2 " Your first version of the code will always be your worst". While not being overly critical, there are a few things to value : Following a single standard already outlined during the inception of a project, functions should perform one task, variable names should be meaningful (toughest job), well formatted code (eg: prettier)

Section 3

1. Software development corroborates with my academic background in Engineering which I took as it demands logical thinking. As for Frontend,for me, one gets instant feedback ,which inspired you continuously. I love visual things, CSS was the reason I came into Frontend.
2. While working for AARP, I was responsible for migrating their calculators written in AngularJS1.2 to AngularJS1.5. Not only their functionality was broken, but the CSS was all over the place in all browsers. I made them working across all browsers including IE10. The task was to be done in 15 dev days and I was able to finish it in time.