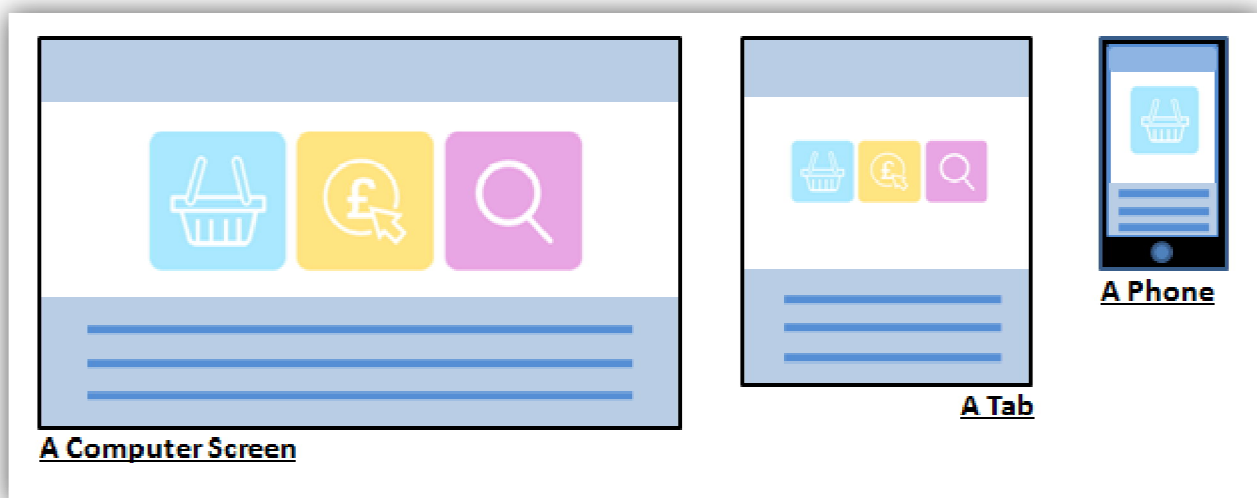


Responsive Web Designing: Responsive web design is the practice of building a website suitable to work on every device and every screen size, no matter how large or small it is. Since now a days, majority of the Internet users are using it in different hand held devices like tabs, I-Pads, smart phones etc., there is a sincere requirement of designing websites in such a way that the contents remain arranged in a proper order as the user changes his device. The following diagram shows the arrangement of contents on different screen sizes.



Technologies of responsive web designing:

- 1. W3.CSS:** W3.CSS is a CSS framework that enables the webpage to adopt any screen size and orientation. Developed and maintained by the W3 consortium and many other freelance developers, W3.CSS is widely regarded as the best framework to make a page responsive.
- 2. Bootstrap:** Another very powerful technology is Bootstrap. It is a rich CSS framework along with a rich JS library. Bootstrap has been developed by the developers of Twitter Inc. for their truly responsive design. As the popularity of twitter raised, the underlying Bootstrap framework also arose to fame. Today Bootstrap is freely available to be used in individual websites.

Exercise:

- 1. What is responsiveness about a webpage? Why do we need it?**
- 2. Briefly discuss about W3.CSS.**