1. What is Boundary value testing ?

It operates on the basis that experience shows us that errors are most likely to exist at the boundaries between partitions and in doing so incorporates a degree of negative testing into the test design.

Test cases are designed to exercise the software on and at either side of boundary values.

Find the boundary and then test one value above and below it

Always results in two test cases per boundary for valid inputs and three tests cases per boundary for all inputs.

inputs should be in the smallest significant values for the boundary (e.g. Boundary of 'a > 10.0' should result in test values of 10.0, 10.1 & 10.2) only applicable for numeric (and date) fields. Ex :0 to 100

	2	4
1		100
0		101
Valid		invalid

2.What is beta testing?

It is always performed by the customers at their own site.

It is not performed by Independent Testing Team. Beta Testing is always open to the market and public.

It is usually conducted for software product.

It is performed in Real Time Environment.

It is always performed outside the organization.

It is also the form of Acceptance Testing.

Beta Testing (field testing) is performed and carried out by users or you can say people at their own locations and site using customer data.

It is only a kind of Black Box Testing.

It is also considered as the User Acceptance Testing (UAT) which is done at customers or users area.

Beta testing can be considered "pre-release" testing.