Problem - I

Apply the boundary values concept in the following example wherever necessary.

The system must calculate the recommended salary for the employee based on the following rules.

* 1. If the prior experience of the job aspirant is
     1. In between 0 to 3 years, then 5% hike would be provided.
     2. In between 4 to 5 years, then 10% hike would be provided.
     3. More than 5 years, then 15% hike would be provided.
  2. If the technical competency average is
     1. In between 3 to 3.5, then 5% hike would be provided.
     2. In between 3.6 to 4.5, then 10% hike would be provided.
     3. In between 4.6 to 5, then 15% hike would be provided.

Problem - II

The organization Metal India Pvt. Ltd. decides to give bonus to its employees based on the performance evaluation.

An employee, who have got the rating between 1 and 2, shall be graded as “A”. Those whose rating is more than 2 and less than or equal to 3, are graded as “B”. For those whose rating is more than 3 and less than or equal to 4, are graded as “C”. Those who are above 4, are rated as “D”. Maximum rating can be 6. The grading can be in decimals up-to 1 level.

The incentive is different for each of the categories. Derive test values by applying BVA and Equivalence Partitioning.