**Q1: What is class imbalance problem. What are the main research problems in class imbalance problems?**

Ans: Difference between total number of a class of data, like one positive to another negative class of data.

Research problems in class imbalance problems is to how to create distinct large training sets and foreach find a decision boundary which create a proper line between minor and major classes. Decision boundary are combined using fusion, so we can build a composite boundary in between minor and major classes.

**Q2: List five most popular techniques for class imbalance problem.**

Ans:

1. Generate synthetic samples.

2. Oversample minority class.

3. Under sample majority class.

4. Change the performance metric.

5. Change the algorithm.

**Q3. What is the main novelty in this paper?**

Ans: Inverse random method has used under sampling method for the class contains imbalance problem, so the key idea is to keep creating a high true positive rate by imbalance inversion and look after the false positive rate by classifier bagging.