**DREAM: Diabetic Retinopathy Analysis Using**

**Machine Learning**

**GROUP NUMBER 3**

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**Multiple Choice Questions:**

Ques 1.

Which is the criteria for identifying the Optical Disk over other Bright Lesions?

1. Maximum Intensity Sum, Maximum Solidity
2. Minimum Intensity Sum, Minimum Solidity
3. Minimum Intensity Sum, Maximum Solidity
4. Maximum Intensity Sum, Minimum Solidity

Where Intensity ~ pixel values, Solidity ~ compactness

Ques 2.

What are the conditions that should be met for the Bright Lesion Classifier (BLC) and the Red Lesion Classifier (RLC)?

1. BLC should have high Specificity and RLC should have high Sensitivity
2. BLC should have high Sensitivity and RLC should have high Specificity
3. Both BLC and RLC should have high Specificity
4. Both BLC and RLC should have high Sensitivity

**Subjective Questions:**

Ques 1.

Explain with the help of diagram, the hierarchical classification approach adopted in the paper and the equations to calculate Severity Grade.

Ques 2.

What are some of the challenges faced by the authors in the data and its classification and how did they overcome them?