1. Question: What deep learning architecture is used in the proposed system for eye disease detection?

A) VGG-16

B) Inception-ResnetV2

C) EfficientNetB3

D) AlexNet

Correct Answer: C

2. Question: What is the primary dataset used for training and testing the model?

A) A private dataset collected from hospitals

B) The RFMID (Retinal Fundus Multi-Disease Image Dataset)

C) A dataset of 5,000 images from the ODIR dataset

D) A publicly available dataset from Kaggle consisting of 4217 images

Correct Answer: D

3. Question: What image augmentation techniques were used to improve model performance?

A) Rotating, shearing, flipping, and zooming

B) Color adjustments and blurring

C) Adding noise and random cropping

D) None, no augmentation techniques were used

Correct Answer: A

4. Question: What performance metrics were used to evaluate the model?

A) Accuracy only

B) Precision, Recall, F1-score, and Accuracy

C) Sensitivity and Specificity

D) Area Under the Curve (AUC)

Correct Answer: B

5. Question: What accuracy did the model achieve on the test dataset after image augmentation?

A) 83%

B) 86%

C) 95%

D) 97%

Correct Answer: C