2021 DIP Final test

1. (30%)Explain the following terminologies

(a)convolution

(b)segmentation

(c)AI

(d)machine learning

(e)deep learning

2. (20%) Describe the types of segmentation? 20%

3. (25%) Show the syntax and results of face detection by using Haar Cascades

4. (25%)Show the syntax and results of number recognition by using CNN