MSLIS Semester 3
MIDTERM TEST
Paper 13: Information Storage, Retrieval and DBMS
11 September 2017
(11.30AM - 1.00PM)

Q1. What is histogram? Explain its role in information retrieval. By employing the data of your choice, explain on how to plot the histogram. **[8 marks]**

Q2. Why the quantitative description of delimiter space important in the context of information retrieval. Explain the Rectangular Granulometric analysis in delimiter space characterization. **[10 marks]**

Q3. Explain the following morphological interpolations. **[12 marks]**
(a) Point-Polygon conversion
(b) Binary morphological interpolation
(c) Grayscale morphological interpolation

Q4. In a database, there are a large number of images of similar size configurations and are stored in 8 bits/pixel format. Write a known approach to compute the ranks for pairing the images. **[10 marks]**

END OF PAPER.