MSLIS Semester 3
MIDTERM TEST
Paper 13: Information Storage, Retrieval and DBMS
09 September 2019
(11.30AM - 1.00PM)

Q1. Explain on how to plot the histogram for the data created of your choice within the range of 4 bits / pixel, and threshold .that data by choosing the threshold value more than the mean value of the data. **[8 marks]**

Q2. How to compute spatial autocorrelation via Moran's Index for a spatial field of your choice by choosing at least five values? Show all steps involved in estimating Moran's I. Write its importance in the context of information retrieval. **[16 marks]**

Q3. Write briefly about the importance of quantitative description of the delimiter space of the first page of any document in the context of document information retrieval. Explain the Rectangular Granulometric analysis in quantitative characterization of delimiter space. [**16 marks]**

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