

MS (LIS) – 2018-20
1st Semester Final Examination

Paper – 5: Foundations of Computers and Information Technology

Date: 16-11-2018

Time: 10 am – 1 pm

Answer any **FIVE** questions. All questions carry equal marks. Total Marks: 60

1. Discuss various file format with their respective advantages and disadvantages.
2. Describe all SQL joins with illustrations.
3. Explain in details a few important SQL commands excluding 'joins'.
4. Describe the various tags of HTML.
5. Explain various patterns in Regex.
6. Discuss in detail XML and its advantages.
7. Write briefly on any **FIVE** of the following
 - a) Difference between Natural and Artificial Languages 2.5
 - b) Data types in SQL and their upper and lower limits 2.5
 - c) Procedural and Declarative programming 2
 - d) Discuss UNICODE 2.5
 - e) Linux directory structure 2.5
 - f) Redirection in Linux 2.5
 - g) tar command with examples 2
 - h) mount command with examples 2