

**B.L.I.Sc. DEGREE EXAMINATION, JULY 2016**  
(Library and Information Science)  
**CC15U LIS T4 - INFORMATION TECHNOLOGY - Theory**  
(2015 Admission)

Time: Three Hours

Maximum: 80 Marks

1.1. What are the major components of Information Technology? Discuss the areas of application of IT?  
(16 marks)

*Or*

1.2. Describe the hardware components of computer.  
(16 marks)

2.1. What is meant by system software? Explain the features of open source system software.  
(16 marks)

*Or*

2.2. What do you mean by file design? Describe the different elements of file design.  
(16 marks)

3.1. Write an essay on various computer networks with suitable diagrams.  
(16 marks)

*Or*

3.2. Elucidate the tools for internet search. Describe the various applications of internet?  
(16 marks)

4.1. Discuss the need and purpose of library automation.  
(16 marks)

*Or*

4.2. Briefly explain the characteristic features of any three library automation software.  
(16 marks)

5. Write short notes on any *four* of the following:

- (a) Optical storage device
- (b) Operating system
- (c) Spreadsheet
- (d) File organisation
- (e) Computer networks
- (f) Proprietary software

(4 x 4 = 16 Marks)

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