

9182/4**FACULTY OF SOCIAL SCIENCES****M.L.I.Sc. (I Semester) Examination****INFORMATION AND COMMUNICATION TECHNOLOGY****Paper IV***Time : 3 Hours]**[Max. Marks : 80**Answer all questions.**All questions carry equal marks.*

1. (a) Explain the milestones in the history and development of computers.
Or
(b) Describe various Input/ Output devices with suitable examples.
 2. (a) Define library automation. Explain the criteria for selection of Hardware and Software.
(b) Explain the need for automation of library house keeping operations and their advantages and disadvantages.
 3. (a) What is a database? Give a detailed account on the types of databases.
Or
(b) Examine the role of INFLIBNET in serving the academic Libraries in India.
 4. (a) Describe the different modules of SOUL package.
Or
(b) What is a digital library? Explain different softwares used for digitization.
 5. Write short notes on any **four** of the following:
 - (a) UGC - Infonet
 - (b) SDI
 - (c) Multimedia Technology.
 - (d) Cable communication.
 - (e) MS - DOS
 - (f) System software.
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FACULTY OF SOCIAL SCIENCES

M.LISc. (I Semester) Examination

INFORMATION AND COMMUNICATION TECHNOLOGY

Paper IV

Time : 3 Hours]

[Max. Marks : 80

*Answer all the questions.**All questions carry equal marks.*

1. (a) What is ICT and explain its impact on LICs.
Or
(b) What is Multimedia? Explain in detail its various components.
 2. (a) Explain in detail automation of library house keeping operations.
Or
(b) Explain in detail Computerised Information Services with special reference to SDI and CAS.
 3. (a) What is a database? Explain its the concept and structure.
Or
(b) Explain in detail the features of UGC-INFONET.
 4. (a) What are the salient features of CDS/ISIS?
Or
(b) What is digital library? Discuss its objectives and characteristics.
 5. Write short notes on any **four** of the following:
 - (a) Greenstone Software
 - (b) WiFi
 - (c) Input and Output devices
 - (d) CD-ROM database
 - (e) Cable Communication
 - (f) INTERNET
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2016-17

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FACULTY OF SOCIAL SCIENCES
M.L.I.Sc. (I – SEMESTER) EXAMINATION
PAPER – IV
INFORMATION AND COMMUNICATION TECHNOLOGY

Time: 3 Hours]

[Max. Marks: 80

Answer all questions.
All questions carry equal marks.

- 1 a) What is ICT? Explain its impact on the present day society.
OR
b) List out various types of Communication Technologies. Describe Cable Communication in detail.
- 2 a) What are the salient features of an OPAC in a Library Automated System?
OR
b) Explain various steps involved in computerized SDI.
- 3 a) Write a detailed note on National Informatics Centre.
OR
b) What are Institutional Repositories? Explain their advantages.
- 4 a) What are desirable features of a Library Application Software?
OR
b) Define Digital Library? Write about major Digital Library Initiatives.
- 5 Write short notes on any **FOUR** of the following.
 - a) Super computers
 - b) Wi-Fi Technology
 - c) MS Office
 - d) DELNET
 - e) SOUL
 - f) DSpace

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M.LISc. (I Semester) Examination

INFORMATION AND COMMUNICATION TECHNOLOGY

Paper IV

Time : 3 Hours]

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- (b) What is Multimedia? Explain in detail its various components.

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

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FACULTY OF SOCIAL SCIENCES
M.L.I.Sc. (I Semester) Examination
INFORMATION AND COMMUNICATION TECHNOLOGY
Paper IV

*Time : 3 Hours]**[Max. Marks : 80*

Answer all questions.
All questions carry equal marks.

1. (a) Bring out advancements in computer technology from one generation to other.
Or
(b) What is Multimedia? Explain its application in Libraries.
 2. (a) What is Library Automation? List out the important features of Circulation module in a Library Application Software.
Or
(b) Explain various search strategies.
 3. (a) Describe various steps involved in Database Design and Development.
Or
(b) Distinguish between Online and CD-ROM databases.
 4. (a) Explain the salient features of CDS/ISIS.
Or
(b) What is a Digital Library? Explain advantages it has over other libraries.
 5. Write short notes on any **four** of the following.
 - (a) Satellite Technology
 - (b) Institutional Repositories
 - (c) INFLIBNET
 - (d) MS Word
 - (e) Turnkey System
 - (f) TCP/IP
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19-20
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FACULTY OF SOCIAL SCIENCES

M.L.I.Sc. (I Semester) Examination

INFORMATION AND COMMUNICATION TECHNOLOGY

Paper IV

Time : 3 Hours]

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Answer all questions.

All questions carry equal marks.

1. (a) What is Information Technology (IT)? Discuss positive and negative impacts of IT on our society.
Or
(b) Write about wireless communications and explain how WIFI technology has impact on services in Libraries.
 2. (a) What is Library Automation? List out the essential features of OPAC module in a Library application software.
Or
(b) Explain various search strategies with special focus on Boolean operators with examples.
 3. (a) Discuss the objectives and functions of DELNET.
Or
(b) Distinguish between Online and CD-ROM databases.
 4. (a) Explain the salient features of SOUL.
Or
(b) What is a Digital Library? Explain the steps involved in building a digital library.
 5. Write short notes on any **four** of the following:
 - (a) Cable Communications
 - (b) Institutional Repositories (IR)
 - (c) Shodhganga
 - (d) Z39.50
 - (e) Greenstone
 - (f) TCP/IP.
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Dec. 2019

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