



**TAMILNADU OPEN UNIVERSITY**  
Chennai - 15  
School of Computer Science

**ASSIGNMENT - 1**

Programme Code No : 226  
Programme Name : M.L.I.Sc  
Course Code & Name : **MLS-01 COMMUNICATION AND INFORMATION SYSTEMS**  
Batch : CY 2019  
Maximum Marks : 100  
Weightage : 25%

**SECTION- A (04x10=40)**

**Answer the following questions**

1. What do you mean by Information systems?
2. What is the Need and Importance of Communication?
3. Explain Reprographic Centers
4. Needs of Information Centers

**SECTION - B (02x30=60)**

**Answer any TWO questions**

1. Discuss the role of different agents in scientific information transfer Cycle
2. Explain the Information Sources?
3. What are the types of Information Systems and Sub systems?



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**ASSIGNMENT - 2**

Programme Code No : 226  
Programme Name : M.L.I.Sc  
Course Code & Name : **MLS-01 COMMUNICATION AND INFORMATION SYSTEMS**  
Batch : CY 2019  
Maximum Marks : 100  
Weightage : 25%

**SECTION- A (04x10=40)**

**Answer the following questions**

1. What is Information diffusion? Explain it.
2. Explain Communication Theories and models
3. Explain the Non – Document Sources.
4. Explain the Data Centers.

**SECTION - B (02x30=60)**

**Answer any TWO questions**

1. Explain the Concept of Communication Channels
2. Discuss the Document Sources.
3. Explain the Structure and Functions of Information Institutions.



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**ASSIGNMENT - 1**

Programme Code No : 226  
Programme Name : M.L.I.Sc  
Course Code & Name : **MLS-02 INFORMATION PROCESSING AND RETRIVEL (THEORY)**  
Batch : CY 2019  
Maximum Marks : 100  
Weightage : 25%

**SECTION- A (04x10=40)**  
**Answer any FOUR questions**

1. What are the criteria involved in the evaluation of indexing system.
2. Discuss the purpose and function of information Retrieval.
3. Enumerate the different methods of search strategy techniques.
4. Discuss the function of ISAR System.

**SECTION - B (02x30=60)**  
**Answer any TWO questions**

5. Explain Content Development in detail.
6. Discuss the various types of devices in colon classification.

Explain the objectives, need, purpose and functions of library classification



# TAMILNADU OPEN UNIVERSITY

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## ASSIGNMENT - 2

Programme Code No : 226  
Programme Name : M.L.I.Sc  
Course Code & Name : **MLS-02 INFORMATION PROCESSING AND RETRIVEL (THEORY)**  
Batch : CY 2019  
Maximum Marks : 100  
Weightage : 25%

### **SECTION- A (04x10=40)**

**Answer any FOUR questions**

1. List out the Norms and Guidelines for Content Development.
2. Explain XML with example.
3. Explain -Metadata.
4. Write a short note on standards for Bibliographic record.

### **SECTION - B (02x30=60)**

**Answer any TWO questions**

5. Explain the basic concepts and Types of classifications systems.
6. Describe the role of Evaluation of Bibliographic description.
7. Explain the important of recent development of classifications scheme.



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**ASSIGNMENT - 1**

Programme Code No : 226  
Programme Name : M.L.I.Sc  
Course Code & Name : **MLS-04 MANAGEMENT OF INFORMATION CENTERS**  
  
Batch : CY 2019  
Maximum Marks : 100  
Weightage : 25%

**SECTION- A (04x10=40)**  
**Answer any FOUR questions**

1. Discuss the Taylor's Principles of Scientific Management.
2. What does it mean by TQM?
3. Explain the Approach and Techniques.
4. Discuss the importance of Function of management.

**SECTION - B (02x30=60)**  
**Answer any TWO questions**

5. What are the basic Principles Total Quality Management?
6. Enumerate Henry Fayol's Fourteen Principles of Management.
7. Explain the need and function of Financial Management.



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**ASSIGNMENT - 2**

Programme Code No : 226  
Programme Name : M.L.I.Sc  
Course Code & Name : **MLS-04 MANAGEMENT OF INFORMATION CENTERS**  
  
Batch : CY 2019  
Maximum Marks : 100  
Weightage : 25%

**SECTION- A (04x10=40)**  
**Answer any FOUR questions**

1. Explain the function of Cost Analysis.
2. Discuss the importance of marketing segmentation.
3. Mention the essential components of Total Quality Management.
4. Explain the Types of Budgeting.

**SECTION - B (02x30=60)**  
**Answer any TWO questions**

5. Give a detailed account on various theories Scientific Management.
6. List out the various types of Library Committees and their functions of management.
7. Enumerate Henry Fayol's Fourteen Principles of Management.



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**ASSIGNMENT - 1**

Programme Code No : 226  
Programme Name : M.L.I.Sc  
Course Code & Name : **MLS-05 MANAGEMENT OF INFORMATION CENTERS**  
  
Batch : CY 2019  
Maximum Marks : 100  
Weightage : 25%

**SECTION- A (04x10=40)**

**Answer the All questions**

1. Write in detail about the identification And formulation of a research problem Write an essay on Case study
2. Explain the various types of f scaling
3. Discuss various types of tables, Chart and graphs used in the research report
4. Discuss the Probability sampling techniques

**SECTION - B (02x30=60)**

**Answer any TWO questions**

1. What is research problem? Define the main issues which should receive the attention of the researcher in formulating the research problem. Give suitable examples.
2. List the Quantitative research designs and discuss in detail the experimental designs using suitable examples.
3. Describe in detail the logical format for writing a research work



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**ASSIGNMENT - 2**

Programme Code No : 226  
Programme Name : M.L.I.Sc  
Course Code & Name : **MLS-05 MANAGEMENT OF INFORMATION CENTERS**  
  
Batch : CY 2019  
Maximum Marks : 100  
Weightage : 25%

**SECTION- A (04x10=40)**

**Answer the All questions**

1. Discuss the types of sampling using suitable examples
2. Explain the Constructive Typology and Projective Techniques
3. Write a short note on Correlation and Regression Analysis
4. Briefly explain the Probability and Non-probability

**SECTION - B (02x30=60)**

**Answer any TWO questions**

1. Write a brief note on the structure of research report
2. Define the form “research”. Discuss the aspects related to subject and objective of research.
3. Explain the different steps involved in a research process





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**ASSIGNMENT - 1**

Programme Code No : 226  
Programme Name : M.L.I.Sc  
Course Code & Name : MLS-06 Applications of ICT  
  
Batch : CY 2019  
Maximum Marks : 100  
Weightage : 25%

**Part – A (4 x 10 = 40 Marks)**

Answer the following in 200 words each. Each question carries 10 marks.

- 1) Write a note on Digital Libraries.
- 2) Discuss about high-level languages.
- 3) List the benefits of ILL systems to users.
- 4) Briefly describe the logical and physical view of data.

**Part – B (2 x 30 = 60 Marks)**

Answer **any two** of the questions given below in 1000 words each.

- 1) Distinguish between logical DBMS and physical DBMS architecture.
- 2) Discuss in detail about E-Books, also stating its advantages and disadvantages.
- 3) Describe the various tools used in CAS.



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**ASSIGNMENT - 2**

Programme Code No : 226  
Programme Name : M.L.I.Sc  
Course Code & Name : MLS-06 Applications of ICT  
Batch : CY 2019  
Maximum Marks : 100  
Weightage : 25%

**Part – A (4 x 10 = 40 Marks)**

Answer the following in 200 words each. Each question carries 10 marks.

- 1) List the different types of processors.
- 2) Explain DBMS and Database Management Software.
- 3) Write short notes on MODEM.
- 4) What is NICNET? Give its objectives and mandates.

**Part – B (2 x 30 = 60 Marks)**

Answer **any two** of the questions given below in 1000 words each.

- 1) What are Computer languages? Give its classification in detail.
- 2) List the various types of operating systems.
- 3) Explain the different types of models used in database management. Support your answer with suitable diagrams.



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**ASSIGNMENT - 1**

Programme Code No : 226  
Programme Name : M.L.I.Sc  
Course Code & Name : MLS-07 Academic Library System  
Batch : CY 2019  
Maximum Marks : 100  
Weightage : 25%

**Part – A (4 x 10 = 40 Marks)**

Answer the following in 200 words each. Each question carries 10 marks.

- 1) List the different categories of library staff.
- 2) Write down the various components of collection development policy.
- 3) Write a note on Teleconferencing, its types, advantages and disadvantages.
- 4) Resource sharing in Libraries.

**Part – B (2 x 30 = 60 Marks)**

Answer **any two** of the questions given below in 1000 words each.

- 1) 'The first step of prime importance in library user education for library services is to know the requirement of the users.' Discuss.
- 2) Evaluate the salary scale of the library staff as per the recommendations of the 7<sup>th</sup> Central Pay Commission.
- 3) Explain the core purpose, governance and management of a university library.



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**ASSIGNMENT - 2**

Programme Code No : 226  
Programme Name : M.L.I.Sc  
Course Code & Name : MLS-07 Academic Library System  
Batch : CY 2019  
Maximum Marks : 100  
Weightage : 25%

**Part – A (4 x 10 = 40 Marks)**

Answer the following in 200 words each. Each question carries 10 marks.

- 1) List the functions of school libraries at primary, middle and secondary levels.
- 2) State the role of information technology (IT) in user education.
- 3) What do you mean by shelf rectification? State its advantages.
- 4) Explain about the formal mode of continuing education.

**Part – B (2 x 30 = 60 Marks)**

Answer **any two** of the questions given below in 1000 words each.

- 1) Discuss the critical role played by a college library in inculcating organizational skills and other leadership qualities in students.
- 2) 'The vitality and effectiveness of academic libraries rests entirely on how a librarian grows during his career'. Elucidate.
- 3) What steps and measures should be adopted by libraries to further attract users? Exemplify.



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**ASSIGNMENT - 1**

Programme Code No : 226  
Programme Name : M.L.I.Sc  
Course Code & Name : MLS-08 Informatics

Batch : CY 2019  
Maximum Marks : 100  
Weightage : 25%

**Part – A (4 x 10 = 40 Marks)**

Answer the following in 200 words each. Each question carries 10 marks.

- 1) Discuss webometrics and altmetrics.
- 2) Explain the concept of concentration and inequality.
- 3) Define impact factor and write the formula for the calculation of the impact factor.
- 4) Write about
  - (a) Gompertz curve equation
  - (b) Malthusian theory of population.

**Part – B (2 x 30 = 60 Marks)**

Answer **any two** of the questions given below in 1000 words each.

- 1) Explain the four stages through which the growth of publications progress according to Price and Michael Mabe.
- 2) Describe the 80-20 rule in Library and Information Science.
- 3) Discuss the various approaches for collection management methodologies.



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**ASSIGNMENT - 2**

Programme Code No : 226  
Programme Name : M.L.I.Sc  
Course Code & Name : MLS-08 Informatics  
  
Batch : CY 2019  
Maximum Marks : 100  
Weightage : 25%

**Part – A (4 x 10 = 40 Marks)**

Answer the following in 200 words each. Each question carries 10 marks.

- 1) Write a short note on citation analysis.
- 2) What are the constituents of comprehensive bibliography?
- 3) Define Web Impact Factor and give a brief description about it.
- 4) What is Mapping of Science? Explain.

**Part – B (2 x 30 = 60 Marks)**

Answer **any two** of the questions given below in 1000 words each.

- 1) Who developed the affinity index and how can it be calculated? Describe the basic concept of affinity index with the help of example.
- 2) Explain the prominent techniques that have been developed to identify closely related documents.
- 3) Explain the significance of 'obsolescence' and 'half-life' in growth studies of library.