



# TAMILNADU OPEN UNIVERSITY

Chennai - 15

School of Computer Science

## ASSIGNMENT

Programme Code No : 620  
Programme Name : POST GRADUATE DIPLOMA IN LIBRARY AUTOMATION AND NETWORKING  
Course Code & Name : LAN- 01 ICT Fundamentals  
Batch : AY 2018-19 /CY-2019  
Maximum Marks : 25

Part A – Short Answer Questions (3 x 5= 15 marks)

Answer all questions

1. Explain the various elements of data communication.
2. Examine briefly the features of various operating systems.
3. Define Information Society. Explain its components.

Part B – Long Answer Question (1 x 10 = 10 marks)

Answer the following question

1. Explain technological convergence in detail.



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Programme Code No : 620  
Programme Name : POST GRADUATE DIPLOMA IN LIBRARY AUTOMATION AND NETWORKING  
Course Code & Name : LAN-02 Library Automation  
Batch : AY 2018-19 /CY-2019  
Maximum Marks : 25

Part A – Short Answer Questions (3 x 5= 15 marks)

Answer all questions

1. Discuss the objectives and need of library automation.
2. What is CAS & SDI? Explain briefly.
3. Discuss the advantages and disadvantages of Electronic Document Delivery.

Part B – Long Answer Question (1 x 10 = 10 marks)

Answer the following question

1. Explain the various library application software packages available.



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Programme Code No : 620  
Programme Name : POST GRADUATE DIPLOMA IN LIBRARY AUTOMATION AND NETWORKING  
Course Code & Name : LAN-03 Information Systems Management  
Batch : AY 2018-19 /CY-2019  
Maximum Marks : 25

Part A – Short Answer Questions (3 x 5= 15 marks)

Answer all questions

1. Define Data Flow Diagram and briefly explain its basic elements.
2. Examine the concept of Entity-Relation diagram.
3. Discuss the importance of DBMS and explain its characteristics.

Part B – Long Answer Question (1 x 10 = 10 marks)

Answer the following question

1. Discuss the system development a life cycle and its phases with the help of examples and illustrations.



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Programme Code No : 620  
Programme Name : POST GRADUATE DIPLOMA IN LIBRARY AUTOMATION AND NETWORKING  
Course Code & Name : LAN-04 Networking and Internet Resources  
Batch : AY 2018-19 /CY-2019  
Maximum Marks : 25

Part A – Short Answer Questions (3 x 5= 15 marks)

Answer all questions

1. Enumerate the different types of Internet Information Resources.
2. Explain the different types of networks.
3. Mention some library and information networks present in India.

Part B – Long Answer Question (1 x 10 = 10 marks)

Answer the following question

1. Define Digital Library. Explain its elements & functional components in detail.



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## ASSIGNMENT

Programme Code No : 620  
Programme Name : POST GRADUATE DIPLOMA IN LIBRARY AUTOMATION AND NETWORKING  
Course Code & Name : LAN-05 Content Development  
Batch : AY 2018-19 /CY-2019  
Maximum Marks : 25

Part A – Short Answer Questions (3 x 5= 15 marks)

Answer all questions

1. Define content analysis and explain its scope.
2. Examine content organization.
3. What are the norms and guidelines for content development?

Part B – Long Answer Question (1 x 10 = 10 marks)

Answer the following question

1. Explain HTML and XML languages.



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## ASSIGNMENT

Programme Code No : 620  
Programme Name : POST GRADUATE DIPLOMA IN LIBRARY AUTOMATION AND NETWORKING  
Course Code & Name : LAN-06 Programming

Batch : AY 2018-19 /CY-2019

Maximum Marks : 25

Part A – Short Answer Questions (3 x 5= 15 marks)

Answer all questions

1. Define flowchart and explain the various types.
2. Explain systems analysis.
3. How do you create a form with data controls in Visual Basic.

Part B – Long Answer Question (1 x 10 = 10 marks)

Answer the following question

1. Explain Java Programming language stating its data types, operators and arrays.