CONTENTS		
PRE	EFACE	Page iii
sul	MMARY	v
1.	INTRODUCTION	1
2.	CURRENT SYSTEMS OF AVAILABILITY AND THEIR PROBLEMS	3
2.1	Publishing	3
2.2	Distribution	6
2.3	Libraries	9
3.	TECHNOLOGICAL DEVELOPMENTS	10
3.1	Input 3.1.1 Standardization of input 3.1.2 Author input 3.1.3 Definitive text 3.1.4 On-demand printing 3.1.5 Document delivery	10 10 11 12 13 13
3.2	Storage 3.2.1 Archival media 3.2.2 Optical discs 3.2.3 Applications and market trends of optical discs 3.2.4 Advantages and problems of optical discs 3.2.5 Videodiscs 3.2.6 Microforms	13 14 14 16 16 17 18
3.3	Access and Dissemination 3.3.1 Fibre optics 3.3.2 Cable 3.3.3 Direct broadcast satellites 3.3.4 Integrated Services Digital Network (ISDN) 3.3.5 Networks 3.3.6 Interactive links 3.3.7 Graphics	18 19 19 19 19 20 21
4.	SYSTEM DEVELOPMENTS	22
4.1	Document Delivery Systems 4.1.1 Online bibliographic databases 4.1.2 User requirements 4.1.3 Electronic document delivery	22 23 23 25
4.2	Full Text Databases	26
4.3	Statistical and Factual Databases	27
4.4	Broadcast Information Systems 4.4.1 Videotex (interactive viewdata) 4.4.2 Teletext 4.4.3 Electronic mail	29 29 30 30
4.5	Facsimile Transmission	31
4.6	Teletex	31
4.7	System Development 4.7.1 ARTEMIS 4.7.2 APOLLO 4.7.3 HERMES 4.7.4 ADONIS 4.7.5 Library of Congress pilot project 4.7.6 The CEC DOCDEL experiments	32 32 32 33 33 34 35

4.8	Electronic Archives 4.8.1 The Knowledge Warehouse
	4.8.2 Electronic archiving of newspaper cuttings
5 .	ELECTRONIC PUBLISHING AND INFORMATION EXCHANGE NETWORKS
5.1	Electronic Information Exchange Systems and Electronic Journals 5.1.1 Electronic Information Exchange System (EIES)

- ectronic Journals
 - EIES)
 - 5.1.2 National University Teleconference Network (NUTN)
 - 5.1.3 BLEND
 - 5.1.4 Project Quartet
 - 5.1.5 Electronic networks: public
- IMPLICATIONS OF NEW TECHNOLOGY 6.
- 6.1 Availability and Access
 - 6.1.1 Publishing
 - 6.1.2 Distribution
 - 6.1.3 Users
- 6.2 Economic Aspects
 - 6.2.1 Publishing and distribution
 - 6.2.2 Libraries
- 6.3 Means of Access
 - 6.3.1 Libraries
 - 6.3.2 Bookshops
 - 6.3.3 Distributed or centralized systems
 - 6.3.4 Downloading
 - 6.3.5 Access for end users
- 6.4 What will be Published?
- 6.5 Authorship
- 6.6 Human Factors
- 6.7 Social Factors
- 6.8 Infrastructure: International and Third World Needs
- 6.9 Legal and Copyright Implications
- 6.10 Political Intervention
- 6.11 Public/Private Sector Involvement
- 6.12 Government/State Control
- 7. CONCLUSIONS
- 8. RECOMMENDATIONS

REFERENCES