

ALLAMA IQBAL OPEN UNIVERSITY, ISLAMABAD
(Department of Library and Information Sciences)

WARNING

1. **PLAGIARISM OR HIRING OF GHOST WRITER(S) FOR SOLVING THE ASSIGNMENT(S) WILL DEBAR THE STUDENT FROM AWARD OF DEGREE/CERTIFICATE, IF FOUND AT ANY STAGE.**
2. **SUBMITTING ASSIGNMENTS BORROWED OR STOLEN FROM OTHER(S) AS ONE'S OWN WILL BE PENALIZED AS DEFINED IN "AIOU PLAGIARISM POLICY".**

Note:

Use your own words while working on your assignment. In case of quoting any fact or statement from any source, always remember to provide full reference of the source according to "Turabian's Manual" provided in your course material.

Course: Resource Sharing and Networking-II (5646)

Level: MLIS

Semester: Spring, 2014

Total Marks: 100

Pass Marks: 40

ASSIGNMENT No. 1
(Units 10-14)

All questions carry equal marks.

- Q.1 Explain the term LAN. Which topology is most suitable for university setting? Give also its advantages and disadvantages.
- Q.2 Write notes on the following:
 - i. Simplex transmission
 - ii. Duplex and full duplex transmission
- Q.3 Discuss the different types of cable which are being used in networking for communication among machines in libraries. Also discuss advantages and disadvantages of these cables.
- Q.4 Write notes on the following:
 - i. Cooperative acquisition and cataloguing
 - ii. Distortion in data transmission
- Q.5 Discuss the functions of each layer of the OSI model. Also provide details of the transport protocols.

ASSIGNMENT No. 2

(Units 15-18)

Total Marks: 100

Pass Marks: 40

All questions carry equal marks.

- Q.1 What is protocol? What is the importance of protocols in electronic data communication? Give examples of the protocols.
- Q.2 What are the barriers in resource sharing? Explain in Pakistani context.
- Q.3 Define internet. Discuss the development and applications of Internet in the field of library and information science.
- Q.4 What are the objectives of PASTIC and NLP? Discuss the activities are being performed by these organizations?
- Q.5 Discuss in detail the need for resource sharing in Pakistan.