

BSc (Hons) in Information Technology

Year 1

Internet and Web Technologies – IT1100

Tutorial 01

2023

01). Find the difference between LAN, MAN and WAN

Bandwidth: Maximum Data transfer speed of a network

	LAN	MAN	WAN
Definition	Local Area Network	Metropolitan Area Network	Wide Area Network
Bandwidth	High Bandwidth	Medium Bandwidth	Low Bandwidth
Connection	Ethernet wireless	wireless fiberoptic	leased lines satellites
Problems	heavy Local traffic hardware Failures misconfigured Networks	heavy Local traffic hardware Failures misconfigured Networks	Latency security Threats Depending on external ISP
Ownership	Single Org	Single or multiple	multiple
Set-up & Cost	cost only for hardware only cost effective than wan	cost effective than wan	for leased line fees Subscription fees

02). Discuss the benefits of computer networks.

03). Name the protocol

1. Web access [HTTPS/HTTP](#)
2. Mail [SMTP/POP3/IMAP](#)
3. File transfer [FTP](#)
4. Remote computing [SSH](#)

04). Discuss the difference between xml and html

06). By using the basic HTML tags, try to create a Biodata by including your details. One sample is given below.

Bio Data

Saman Silva

Full Name : Saman Silva
Mobile Number : 0711212121
Email : saman@gmail.com

Personal Information

- Date of Birth : 1991.10.22
- NIC : 911111111V
- Nationality : Sri Lankan
- Address : Colombo

Advanced Level Results

Subject	Grade
Combined Maths	A
Chemistry	B
Physics	A

Skills

- MS Office
- Web Designing

