Tutorial 1A: Introduction to Networks

Q1. (a) Identify the **THREE (3)** categories of networks components and give **ONE (1)** example of each component. (6 marks)

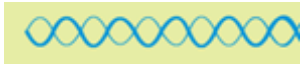| Component	Example

(b) Identify the following network representation. (10 marks)

Category	Network representation	Name of the network representation
(i)_____ （1m）		(iv)_____ （1m）
		(v) _____ （1m）
(ii)_____ （1m）		(vi) _____ （1m）
		(vii) _____ （1m）
		(viii) _____ （1m）
(iii)_____ （1m）		(ix) _____ （1m）
		(x) _____ （1m）

(c) Identify the type of network media, give each an example and the relevant encoding type. (9 marks)

Type of Network Media	Example	Encoding

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Q2. (a) Distinguish between a physical topology and a logical topology. (4 marks)

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(b) Distinguish between Intranet and Extranet. (4 marks)

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(c) Differentiate between Local Area Network (LAN) and Wide Area Network (WAN).
(8 marks)

LAN	WAN

updated by Ts. Carolyn Ting Hie Choon on 25.5.20