

4. (a) Name the THREE types of cabling shown in Figure 1. (3 marks)

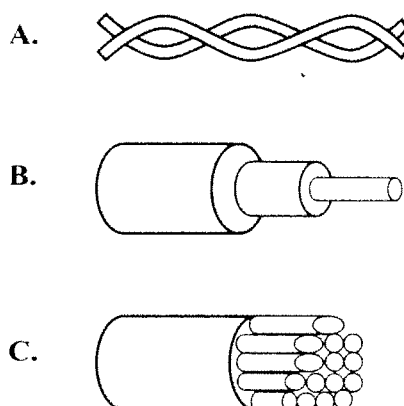


Figure 1

- (b) Identify TWO types of wireless media. (2 marks)
- (c) Write the types of network listed below in your answer booklet. Write the associated application next to EACH network.

	Network	Application
(i)	LAN	A network connecting computers in a university campus
(ii)	WAN	A network connecting computers in a secondary school
(iii)	MAN	A network connecting computers in a country

(3 marks)

- (d) (i) What is the meaning of the term 'modem'? (1 mark)
- (ii) How was the term 'modem' derived? (1 mark)

Total 10 marks

# **CSEC Information Technology**

## **Paper 02**

### **Question 4**

Candidate earned full marks for this question.

#### Comments

The candidate was able to interpret the questions appropriately and expressions were clear especially in Parts (d) (i) and d (ii).

For Part (b), the candidate was able to clearly identify the media as opposed to the devices.

The diagrams in Part (c) were appropriately identified and clear distinctions were made between the networks.

Overall the candidate demonstrated knowledge of the contents and applied the knowledge appropriately.

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Question ..... 4 ..... Candidate Number ....  
Write on both sides of the paper and start each answer on a new page.

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a) The ~~two~~ three types of cable shown are:

A - twisted pairs

B - Coaxial cable

C - Fibre Optic cable

b) Two types of wireless media are satellite and  
micro waves.

c) i) LAN - A network connecting computers ~~on a~~  
~~university campus~~ in a secondary school

ii) WAN - A network connecting computers in  
a country

iii) MAN - A network connecting computers on a  
university campus.

d) i) The term 'modem' means modulator - demodulator.

ii) It was derived from the first two letters  
in the word modulator<sup>(mo)</sup> and the ~~the~~ first  
three ~~the~~ letters in the word demodulator (dem).

They were placed together to form the word  
'modem'.