

**Marking Scheme**  
**SECTION A**

Question No. <i>No. Soalan</i>		Candidate's Answer <i>Jawapan Calon</i>	Marks <i>Markah</i>
1	(i)	B	1
	(ii)	A	2
2		False/	3
3.		Biometrics Device	4
4.	(i)	P	5
	(ii)	Q	6
5		output	7
6		ASCII code	8
7.	(i)	Y	9
	(ii)	Z	10
8	(i)	ROM	11
	(ii)	RAM	12
9		D	13
10		true	14
11	(i)	C	15
	(ii)	B	16
12	(i)	Y	17
	(ii)	X	18
13.		false	19
14		B	20
15		A	21
16	(i)	icon	22
	(ii)	card	23
17.		true	24
18.	(i)	Subject matter expert	25
	(ii)	Audio-video technician	26
19.		Programming language	27
20.		A	28
21.		D	29
22.		interpreter	30
23	(i)	variable	31
	(ii)	constant	32
24.	(i)	mathematical	33
	(ii)	Relational	34
25	(i)	design	35
	(ii)	pseudo code	36

SECTION B & C

Answer

Soalan 26

(a) State the appropriate network topology used by Miss Rania to build the LAN.  
*Topology star* [ 1 m ]

(b) State and draw network architecture used in that LAN.  
*Client - Server.* [ 1 m ]

Drawing

(i) *Topology star + UTP cable from pc connected to switch* [ 1 m ]

(ii) *Switch + 1 server + 21 computer + printer.* [ 1 m ]

Soalan 27

a) Integer  
String [2 marks]

b) Selection control structure  
Because decision making process involved in this [2 marks]

Soalan 28

a. Microsoft Office Powerpoint. [1 marks]

b. Publishing phase. [1 marks]

Package their presentation using suitable software. Distribute the presentation for public viewing by CD. [2 marks]

Soalan 29

a) Presentation software

Justify:

Presentation software is an application that allows Ali to create text and visual aids for presentations to explain the types and usage of application software to the junior students

[2 marks]

b) Word processing software

Word processing software allows Jason to create and manipulate reports that contain mostly text and sometimes graphics. [2marks]

Soalan 30

a)

System A	System B
<ul style="list-style-type: none"><li>• transactions are <u>done using paper and pen.</u></li><li>• transactions can only be done <u>during working hours</u></li><li>• transactions can only be done <u>at the bank branches</u></li><li>• customers may need to <u>wait in long queue in the bank branches</u></li></ul>	<ul style="list-style-type: none"><li>• transactions are <u>done using computers</u></li><li>• transactions can be done <u>almost 24 hours</u></li><li>• transactions can be done <u>almost at any place with Internet access</u></li><li>• customers <u>no need to wait for their turn by using online banking at home</u></li></ul>

b) Two reason:

- Protect data from being stolen by irresponsible  
*Melindungi data daripada dicuri*
- Protect client losing money  
*Melindungi pengguna daripada kehilangan duit/harta*

SECTION C

Soalan 31

a) Phase X : Design

- Refers to the planning of the design of the multimedia program to be developed.

Phase Y: Testing

- testing is to ensure that the program runs correctly without errors.
- Example : test the content, interface and navigation of multimedia program.
- use a checklist to test the multimedia program. If there are any errors, the programmer will fix the program.

b) Non-Linear Interactivity

[1 mark]

Justify:

Because it lets the user control the sequence of the multimedia content by using buttons such as button Menu, Introduction, Reason and Effect

[2 mark]

### Soalan 32

a) Four activities:-

- Identify input
- Identify process
- Identify output
- Identify data
- Interview users to know what the user needs.
- Refer to book and website or ask expert

Note : any 4 answer

[4 marks]

b) Logic error

### Soalan 33

a) LAN

A LAN cover a small region of space in a limited geographical area such as home, school, closely positioned group of buildings.

[2 marks]

WAN

A WAN is the largest network of all network types, for instance a country or even beyond the border.

[2 marks]

b) Extranet

- An extranet is a private computer network which allows partner/vendors/customer or suppliers to access part of its intranet.
- Also need username and password to access the company information

- [3 marks]