

BAHAGIAN A:

Question No. No. Soalan		Candidate's Answer Jawapan Calon	Marks Markah
1	(i)	E-commerce	1
	(ii)	Banking,industry,education ,other sector /any one	2
2		B	3
3	(i)	C	4
	(ii)	A	5
4		B	6
5		D	7
6	(i)	MB	8
	(ii)	GHz	9
7	(i)	B	10
	(ii)	C	11
8		disk defragmenter	12
9		C	13
10	(i)	false	14
	(ii)	true	15
11		D	16
12	(i)	MODEM	17
	(ii)	WIRELESS ACCESS POINT	18
13	(i)	Web-based	19
	(ii)	CD-based	20
14		Time-frame	21
15	(i)	<i>personalization/personal</i>	22
	(ii)	<i>Flexibility / fleksibel</i>	23
16		<i>Instructional designer</i>	24
17	(i)	R	25
	(ii)	Q	26
18	(i)	structured	27
	(ii)	object-oriented	28
19		B	29
20		C	30
21		Information system	31
22	(i)	True	32
	(ii)	False	33
23		record	34
24		Query	35
25		C	36

BAHAGIAN B:

26. (a) (i) 5 [1 marks]
 (ii) Trojan Horse [1 marks]
- (b) pilih pemacu yang ingin diimbas [1 marks]
 Lakukan aktiviti imbasan [1 marks]
27. (a) P: Proprietary software
 Q : open source software
- (b) (max 2mark – pilih mana-mana 2 pasang jawapan)

Proprietary software	Open source software
a) Source code is copyrighted and not available to user	a) Source code is free and available to user
b) Costly – user must pay to get the proprietary software	b) Low cost and no license fees
c) Reliable, professional support and training available	c) Lack of professional support
d) Regularly and easily update	d) Erratic updates

28. (a) (i) straight through cable
 (ii) Cross over cable
- (b) (Pilih satu jawapan bagi setiap jenis kabel – max 1 markah bg setiap jenis kabel)

<ul style="list-style-type: none"> straight through cable
<ol style="list-style-type: none"> 1) Connect a computer to a switch/hub's normal port. 2) Connect a computer to a cable/DSL modem's LAN port. 3) Connect a router's WAN port to a cable/DSL modem's LAN port. 4) Connect a router's LAN port to a switch/hub's uplink port. (normally used for expanding network) 5) Connect 2 switches/hubs with one of the switch/hub using an uplink port and the other one using normal port.
<ul style="list-style-type: none"> Cross over cable
<ol style="list-style-type: none"> 1) Connect 2 computers directly. 2) Connect a router's LAN port to a switch/hub's normal port. (normally used for expanding network) 3) Connect 2 switches/hubs by using normal port in both switches/hubs.

29. (a) (i) design phase/rekabentuk - 1m
 (ii) publishing phase / penerbitan - 1m
- (b) 1. Tiada lagi perubahan dan pengubahsuaian dalam fasa ini - 1m
 2. *Apabila program multimedia telah siap sepenuhnya, ia akan dikeluarkan dalam 2 bentuk yang biasa iaitu (web-based dan cd-based)-1m*
 3. web-based ialah medium penghantaran menggunakan Internet – 1m
 4. CD-based ialah medium penghantaran menggunakan CD – 1m

(Pilih mana2 dua – max 2 markah)

30. (a) X- Assembler/ *Penghimpun*
 Y - Compiler/ *Pengkompil*
- (b) Pilih mana2 2 pasang – max 2 markah

PERBEZAAN COMPILER AND INTERPRETER	
Y	INTERPRETER
<ul style="list-style-type: none"> It converts whole code at a time <i>Menukarkan seluruh pada satu-satu masa.</i> 	<ul style="list-style-type: none"> It converts the code line by line <i>Menukarkan kod dari baris ke baris.</i>
<ul style="list-style-type: none"> Error are displayed after entire program 	<ul style="list-style-type: none"> Errors are displayed for every instruction interpreted (if any)
<ul style="list-style-type: none"> It is faster 	<ul style="list-style-type: none"> It is slower

BAHAGIAN C:

31. (a)

Primary Key	
STUDENT	SPORT HOUSE
Student ID – 1m	Sport House ID – 1m

Foreign Key	
STUDENT	SPORT HOUSE
Sport House ID -1m	

- (b) Sila Rujuk Buku Nok A+. muka surat 58 (Buku Warna Ungu)
- The data does not need to be entered repeatedly
 - To create a relationship between tables
 - The primary key of one table becomes a foreign key of the other table
 - To improve data performance
 - Creating queries, forms and reports easier
- * Pilih mana2 4 jawapan * markah maksimum – 4 markah

32. (a).

1. copyright infringement – 1m
2. Downloading song without the owner's permission -1m
3. Boleh dikenakan tindakan undang-undang – 1m

(b)

1. fraud – 1m
2. mendapatkan wang daripada individu lain secara penipuan - 1m
3. pesalah boleh dikenakan tindakan undang-undang – 1m
4. *apa2 maklumat drp keratan akhbar yg menggambarkan aktiviti fraud – 1m

33. (a)

- Twisted pair cable/ UTP/ STP (1m)
 Murah berbanding kabel sepaksi dan gentian optic. @
 Sesuai untuk rangkaian yang kurang dari jarak 100 meter. (Mak 1m)

(b)

1. Tanggalkan kulit luar kabel menggunakan cable stripper.
2. luruskan setiap wayar dan susun ikut warna.
3. Potong wayar untuk samakan susunan wayar.
4. Masukkan wayar ke dalam RJ45.
5. Kelim kabel menggunakan alat crimping.
6. Uji kabel menggunakan penguji (tester). (Mak 5 markah)

- SKEMA PEMARKAHAN TAMAT-