

NO. KAD PENGENALAN
 ANGKA GILIRAN

ANSWER SHEET
HELAIAN JAWAPAN

Question <i>No. Soalan</i>		Candidate's Answer <i>Jawapan Calon</i>		Marks <i>Markah</i>	
1	(i)	X : Integrated Circuit (IC)/ <i>Litar Bersepadu</i>			1
	(ii)	Y : Transistor			2
2		D			3
3		Fix the RAM/ <i>Memasang RAM</i>			4
4		False / <i>Palsu</i>			5
5		Fingerprint recognition/ <i>Pengecaman cap jari</i>			6
6	(i)	B			7
	(ii)	C			8
7		D			9
8		Biometric Device / <i>Peranti Biometrik</i>			10
9		True / <i>Benar</i>			11
10	(i)	D			12
	(ii)	B			13
11	(i)	B			14
	(ii)	C			15
12	(i)	RM120.00			16
	(ii)	>			17
13		Navigation / <i>Navigasi</i>			18
14		Selection control structure / <i>Struktur Kawalan Pilihan</i>			19
15	(i)	True / <i>Benar</i>			20
	(ii)	False / <i>Palsu</i>			21
16	(i)	B			22
	(ii)	C			23
17	(i)	5			24
	(ii)	4			25
18	(i)	(i) TPS			26
	(ii)	(ii) EIS			27
19	(i)	File Transfer Protocol Client / <i>Protokol Pindahan Fail Klien</i>			28
	(ii)	Client Web Browser / <i>Pelungsur Web Klien</i>			29
20		C			30
21		C			31
22		C			32
23	(i)	Problem analysis / <i>Analisa masalah</i>			33
	(ii)	Testing and Debugging / <i>Pengujian dan Nyahpijat</i>			34
24		False / <i>Palsu</i>			35
25		A			36

BAHAGIAN B

26 a) mana-mana 2

1. Starting a computer / *Memulakan komputer*[1m]
2. Providing a user interface / *Menyediakan antaramuka pengguna*[1m]
3. Managing data and programs / *Menguruskan data dan program*[1m]
4. Managing memory / *Menguruskan Memori*[1m]
5. Configuring devices / *Menyelaras/menguruskan perkakasan/peranti*[1m]

b) 1. Offer supports if software fail and malfunctions [1m]

*Menyediakan sistem sokongan jika perisian rosak atau tidak berfungsi*2. Has warranty / *Ada jaminan* [1m]

27 a) Customer ID, Invoice No OR

Invoice No, Amount Paid

(Invoice No wajib ada) [2m]

b) - Primary Key : Receipt No [1m]

- Foreign Key : Customer ID @ Invoice No @ Staff ID [1m]

28 a) mana-mana 2

1. More secure connection as data is sent directly between nodes. [1m]

Sambungan data lebih selamat , dihantar terus di antara nod[1m]

2. Easy to add new nodes without any disruption[1m]

Senang untuk menambah nod tanpa gangguan[1m]

3. Faster speed in transmit data[1m]

Kelajuan lebih cepat transmisi data [1m]

b) - Data can transmit to other nodes. [1m]

Data boleh dihantar kepada nod lain [1m]

- Cable or node failure only affects that node and not for whole networks. [1m]

*Kabel atau nod yang gagal hanya terkesan terhadap nod itu dan tidak kepada**seluruh rangkaian* [1m]

29 a)

A - Secondary storage / *storan sekunder* [1m]B - Primary storage / *storan primer*[1m]

b)

Differences between storage A and storage B

Storage A [Secondary storage]	Storage B [primary storage]
It is an external storage	It is an internal storage
Data can accessed directly by the processor	Data can accessed when according to user need
Main memory of computer	Alternative storage in a computer
Has three types optical disc, magnetic disk, flash memory	Has two types RAM and ROM

(mana-mana 2)

30. a) Problem Analysis Phase, [1m]
 the programmer will interview the client to find out what the client's needs are. [1m]
Fasa analisis masalah. [1m]
Pengaturcara menemuduga pelanggan untuk mengetahui keperluan pelanggan. [1m]

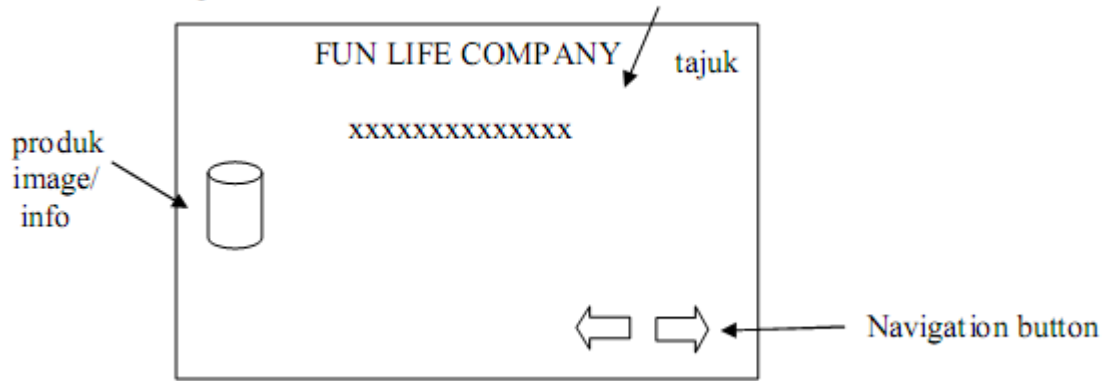
$$3 - \frac{2}{3}$$

b) $2\frac{3}{3} - \frac{2}{3}$ [2m]

$$2\frac{1}{3}$$

31

Screen design must have :



{ 3 markah)

- b) mana-mana 2. 1m prinsip + 1m description
 User interface principles :

- 1. Consistency
 - 2. Clarity
 - 3. Context
 - 4. Navigation
 - 5. Search
 - 6. Personalisation
 - 7. Learnability
 - 8. Flexibility
- } description

- OR
- CASPER Principle
- 1. Contrast
 - 2. Alignment
 - 3. Simplicity
 - 4. Proximity
 - 5. Emphases
 - 6. Repetation
- } description

**Mana-mana 2

32. (a) Primary key for Employee table: *Employee_ID* [1M]
 Primary key for Leave table: *ID_Leave* [1M]

(b)

EMPLOYEE'S LEAVE REPORT				
Employee_ID	Name	ID_Leave	Type_of_Leave	Number_of_Leaves
E098342	Puan Nina Bt Hamzah	L003	Annual Leave	4
E098342	Puan Nina Bt Hamzah	L005	Medical Leave	3
E098342	Puan Nina Bt Hamzah	L006	Emergency Leave	4

Title : 1 mark

Complete Fields : 1 mark

Complete result of query : 3 marks

33

- a)- i) input = number of books order
 ii) output = total price

(2 markah)

If number of books \geq 1000 ,
 total price = number of books order * RM1.20
 Else IF number of book \geq 500
 total price = number of books order * RM1.30
 Else
 total price = number of books order * RM1.40

(2 markah)

(b)

