



SEKOLAH MENENGAH KEBANGSAAN MERSING, JOHOR

**PEPERIKSAAN PERCUBAAN SIJIL PELAJARAN
MALAYSIA (SPM) 2012 3765/1
INFORMATION AND COMMUNICATION TECHNOLOGY
Kertas 1
Ogos**

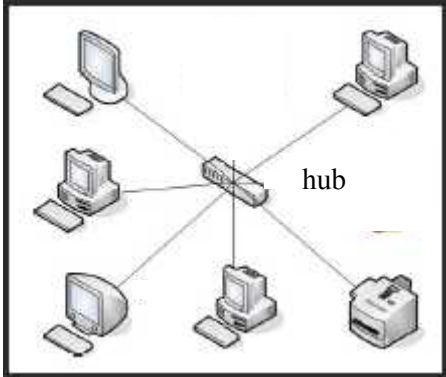
**SCHEME OF MARKS
PERATURAN PEMARKAHAN**

SECTION A

Answer Sheet

Helai Jawapan

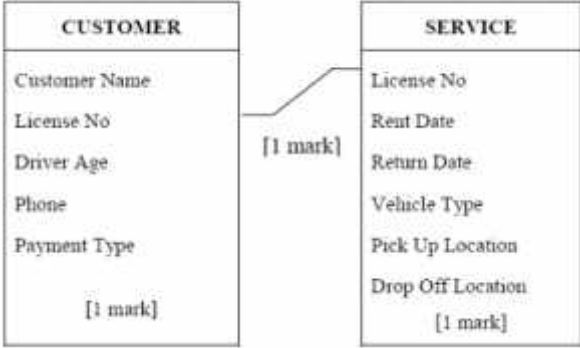
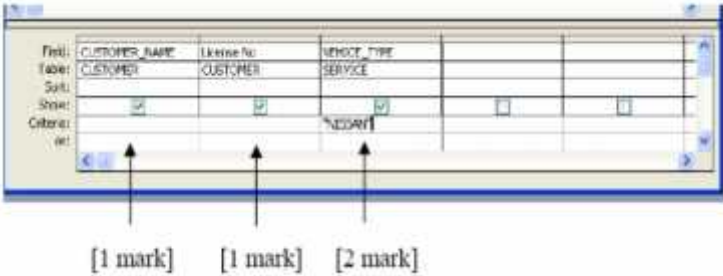
Question No. No. Soalan		Candidate's Answer Jawapan Calon	Marks Markah
1.	i	Banking/ Perbankan	1.
	ii	Patent/ Paten	2.
2.		Fingerprint recognition/ Pengecaman cap jari	3.
3.		Pornography/ Pornografi	4.
4.	i	C	5.
	ii	B	6.
5.	i	True/ Benar	7.
	ii	True/ Benar	8.
6.		A	9.
7.		D	10.
8.		A	11.
9.	i	Operating/ Pengoperasian	12.
	ii	Devices/ Perkakasan	13.
10.		B	14.
11.	i	False/ Palsu	15.
	ii	True/ Benar	16.
12.		Windows 2000/2003 server/ Linux/ Windows NT	17.
13.		C	18.
14.		C	19.
15.	i	Icon concept/ konsep ikon	20.
	ii	Card concept/ konsep kad	21.
16.		D	22.
17.	i	Capturing/ editing/ digitizing the video	23.
	ii	Design	24.
18.	i	True/ Benar	25.
	ii	False/ Palsu	26.
19.	i	X or Y	27.
	ii	+	28.
20.		C	29.
21.	i	Testing and debugging	30.
	ii	Education/ Pendidikan	31.
22.	i	True/ Benar	32.
	ii	True/ Benar	33.
23.		Book ID	34.
24.		A	35.
25.		Sort @ Sorting/ Penyisihan	36.

QUESTION NO. NO. SOALAN	SAMPLE ANSWER CONTOH JAWAPAN	MARKS MARKAH	TOTAL JUMLAH
26	<p style="text-align: center;">Section B (20 Marks) BAHAGIAN B (20 Markah)</p> <p>a. Keyword blocking</p> <p>Justification: The method uses a list of banned word or object terms as XXX, sex and nude</p> <p>b. i. site blocking ii. web rating system</p>	<p>1</p> <p>1</p> <p>1</p> <p>1</p>	<p style="text-align: center;">2</p> <p style="text-align: center;">2</p>
27	<p>a. Network Operating System/ <i>Sistem Pengoperasian Rangkaian</i></p> <p>Windows NT/ Windows Server 2000/ Linux/ UNIX/ Solaris</p> <p>b. i. Stand Alone Operating System</p> <p>c. ii. Embedded Operating System</p>	<p>1</p> <p>1</p> <p>1</p> <p>1</p>	<p style="text-align: center;">4</p>
28	<p>a. Star Topology/ Topologi Bintang</p> <p>b.</p> <div style="text-align: center;">  </div> <p>Notes:</p> <p>** Five computer ----- 1 mark Hub ----- 1 mark Printer ----- 1 mark</p>	<p>1</p> <p>1+1+1</p>	<p style="text-align: center;">4</p>

<p>29</p> <p>a.</p>	<p>P= Text based Editor Example of P : Notepad/ PS Pad/ Notepad ++</p>	<p>1 1</p>	<p>2</p>												
<p>b.</p>	<p>Q: What You See Is What You Get / WYSIWYG</p> <p>i. Editor does not require HTML Knowledge ii. WYSIWYG provide an editing interface that shows how the pages will be displayed in a web browser. iii. It is easier for an average computer user</p> <p style="text-align: center;">Either ONE Answer Mana-mana salah SATU Jawapan</p>	<p>1 1 1 1</p>	<p>2</p>												
<p>30</p> <p>a.</p>	<p>X: Compiler Y: Interpreter</p>	<p>1 1</p>	<p>2</p>												
<p>b.</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 33%;">Compiler</th> <th style="width: 33%;">Aspect</th> <th style="width: 33%;">Interpreter</th> </tr> </thead> <tbody> <tr> <td>Translate entire programming statement and execute it later</td> <td>Method</td> <td>Translate programming statement line by line and execute it immediately</td> </tr> <tr> <td>Store machine language as object code on the disk</td> <td>Object code</td> <td>No object code is saved</td> </tr> <tr> <td>Compiled code run faster</td> <td>Running time</td> <td>Interpreted code run slower</td> </tr> </tbody> </table> <p style="text-align: center;">Either ONE Answer Mana-mana salah SATU Jawapan</p>	Compiler	Aspect	Interpreter	Translate entire programming statement and execute it later	Method	Translate programming statement line by line and execute it immediately	Store machine language as object code on the disk	Object code	No object code is saved	Compiled code run faster	Running time	Interpreted code run slower	<p>1 + 1 1 + 1 1 + 1</p>	<p>2</p>
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Section C (14 Marks) BAHAGIAN C (14 Markah)																								
31.	a.	P: Input S: Output	1 1 2																					
	b.	Example hardware of P for text : Keyboard	1 1																					
	c.	Two differences between Q and R:																						
		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 33%;">Q Primary Storage</th> <th style="width: 33%;">Criteria</th> <th style="width: 33%;">R Secondary Storage</th> </tr> </thead> <tbody> <tr> <td>Volatile-hold data temporarily (data lost when the power is turned off)</td> <td>Holding data</td> <td>Non-volatile Hold data permanently</td> </tr> <tr> <td>Fixed</td> <td>Portability</td> <td>Portable</td> </tr> <tr> <td>Compulsory</td> <td>Need</td> <td>Alternative</td> </tr> <tr> <td>Limited</td> <td>Storage capacity</td> <td>Unlimited</td> </tr> <tr> <td>Faster</td> <td>Access Time</td> <td>Slower</td> </tr> <tr> <td>More expensive</td> <td>Cost / Price</td> <td>Cheaper</td> </tr> </tbody> </table>	Q Primary Storage	Criteria	R Secondary Storage	Volatile-hold data temporarily (data lost when the power is turned off)	Holding data	Non-volatile Hold data permanently	Fixed	Portability	Portable	Compulsory	Need	Alternative	Limited	Storage capacity	Unlimited	Faster	Access Time	Slower	More expensive	Cost / Price	Cheaper	1 + 1 1 + 1 1 + 1 1 + 1 1 + 1 1 + 1 4
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32 a(i)	X: Intranet	1	1												
a(ii)	Two differences between X and Y:														
	<table border="1"> <thead> <tr> <th data-bbox="358 396 597 428">X</th> <th data-bbox="597 396 834 428">Criteria</th> <th data-bbox="834 396 1070 428">Y</th> </tr> </thead> <tbody> <tr> <td data-bbox="358 428 597 596">Provides information for organization employees</td> <td data-bbox="597 428 834 596">Types of users</td> <td data-bbox="834 428 1070 596">Provides information to suppliers, customers and business partner</td> </tr> <tr> <td data-bbox="358 596 597 831">High</td> <td data-bbox="597 596 834 831">Security</td> <td data-bbox="834 596 1070 831">Use Virtual Private Network (VPN) technology to communication over the internet more secure</td> </tr> <tr> <td data-bbox="358 831 597 1037">Telephone directories, internal job openings, employee information</td> <td data-bbox="597 831 834 1037">Usage</td> <td data-bbox="834 831 1070 1037">Access data, check status place orders, send email</td> </tr> </tbody> </table> <p data-bbox="558 1104 925 1171" style="text-align: center;">Any TWO Answer <i>Mana-mana DUA Jawapan</i></p>	X	Criteria	Y	Provides information for organization employees	Types of users	Provides information to suppliers, customers and business partner	High	Security	Use Virtual Private Network (VPN) technology to communication over the internet more secure	Telephone directories, internal job openings, employee information	Usage	Access data, check status place orders, send email	1+ 1 1+1 1+1	4
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b(i)	Type of network communication technology : Internet	1	2												
b(ii)	It is used for public by provide information for public to access all kinds of information generally.	1													

<p>33 a.</p>		<p>1+1+1</p>	<p>3</p>
<p>b.</p>		<p>1+1+2</p>	<p>4</p>

Prepared by :

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(FATIMAH NAZIRAH NAJMIAH BINTI OSMAN)
 CHAIRMAN
 PANEL OF ICT
 SMK MERSING, JOHOR

Approved by:

.....

(TN.HJ ZULKIFLEE BIN ZAWAWI)
 HEAD DEPARTMENT
 VOCATIONAL AND TECHNIQUE DEPARTMENT
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