

**SKEMA PEMARKAHAN PERCUBAAN SPM 2009  
INFORMATION AND COMMUNICATION TECHNOLOGY (ICT)**

**BAHAGIAN A**

Question No	Candidate's Answer	MARKS	
1	i	Transistor	1
	ii	Microprocessor / CPU / Processor	2
2	i	Antispyware	3
	ii	Firewall	4
3	Word/Keyword Blocking	5	
4	False / <i>Palsu</i>	6	
5	B	7	
6	Gigahertz, Megahertz Dll	8	
7	i	False / <i>Palsu</i>	9
	ii	False / <i>Palsu</i>	10
8	i	Disk Defragmenter / <i>Penyusun Cakera</i>	11
	ii	Image Viewer / <i>Tinjau Imej</i>	12
9	True / <i>Benar</i>	13	
10	B	14	
11	10.117.197.194	15	
12	i	C	16
	ii	D	17
13	Satelite	18	
14	True / <i>Benar</i>	19	
15	A	20	
16	A	21	
17	i	Q	22
	ii	P	23
18	i	Cd Base	24
	ii	Binary Code	25
19	i	Compiler	26
	ii	Interpreter	27
20	C	28	
21	i	True / <i>Benar</i>	29
	ii	True / <i>Benar</i>	30
22	Procedure	31	
23	i	B	32
	ii	C	33
24	i	File	34
	ii	Character	35
25	C	36	
<b>TOTAL MARK</b>			

## **BAHAGIAN B**

Questions	Skor	Answers	Notes
[ 26 ] a)	2m	<ul style="list-style-type: none"><li>• can lead to criminal acts such as exploitation of women and children</li><li>• can lead to sexual addiction or perversion</li><li>• can develop low moral value towards other men, women or children</li><li>• can erode good religious, cultural and social beliefs and behaviour</li></ul>	Beri satu jawapan dapat 1 markah
b)	1m  2m	<p>keyword blocking <b>OR</b> site blocking <b>OR</b> web rating systems</p> <p><b>KEYWORD BLOCKING</b> This method uses a list of banned words or objectionable terms. As the page is downloading, the filter searches for any of these words. If found, it will block the page completely, stop downloading the page, block the banned words and even shut down the browser.</p> <p><b>Or</b> <b>SITE BLOCKING</b></p> <ul style="list-style-type: none"><li>• software company maintains a list of 'dubious Internet sites'</li><li>• the software prevents access to any sites on this list</li><li>• some software provides control over what categories of information you block</li></ul> <p><b>Or</b> <b>WEB RATING SYSTEMS</b> Web sites are rated in terms of nudity, sex, violence and language. Browsers set to only accept pages with certain levels of ratings.</p>	state without explain

Questions	Skor	Answers	Notes								
[27] a)	2 m	P = Backup utility  R. = File manager	Beri satu jawapan dapat 1 markah								
b)	2m	It is essential that you install antivirus software. Antivirus software is a utility program that scan the hard disks, floppy disks and memory to detect viruses.									
[28] a)	1M  1M	CD-Base or Web-Base  e.g. <table border="1" style="margin-left: auto; margin-right: auto;"> <tr><td><b>CD-Base</b></td></tr> <tr><td>Hight End Resolution</td></tr> <tr><td><b>Web-Base</b></td></tr> <tr><td>Low Coast</td></tr> </table> <b>OR ANY SUITABLE ANSWERS.</b>	<b>CD-Base</b>	Hight End Resolution	<b>Web-Base</b>	Low Coast	Any suitable answer.				
<b>CD-Base</b>											
Hight End Resolution											
<b>Web-Base</b>											
Low Coast											
b)	1M    2M	Answer given only one side e.g. <table border="1" style="margin-left: auto; margin-right: auto;"> <tr><td>CD-Base</td><td>Web_Base</td></tr> <tr><td>Hight End Resolutin</td><td>No answer</td></tr> </table>  <table border="1" style="margin-left: auto; margin-right: auto;"> <tr><td>CD-Base</td><td>Web_Base</td></tr> <tr><td>High End Resolution</td><td>Low Resolution</td></tr> </table> <b>OR ANY SUITABLE ANSWERS</b>	CD-Base	Web_Base	Hight End Resolutin	No answer	CD-Base	Web_Base	High End Resolution	Low Resolution	Any suitable answer
CD-Base	Web_Base										
Hight End Resolutin	No answer										
CD-Base	Web_Base										
High End Resolution	Low Resolution										
[29] a)	2m	Assembler Compiler Interpreter	Beri satu jawapan dapat 1 markah								
b)	2m	<b>Assembler</b> - An assembler is a program that transforms source code written in Assembly Language to the machine language. All commands in Assembly Language will transform to machine language.									

		<p>OR</p> <p><b>Compiler</b> - A compiler is a computer program that transforms source code written in a computer language (the <i>source language</i>) into machine language. A compiler will transform all the source code then will list the syntax error. The source code will executable if there are no error. There are object code file.</p> <p>OR</p> <p><b>Interpreter</b> - An interpreter is a computer program that transforms source code to machine language. It will translate the source code row by row. Syntax error will appear when the source code has an error. It will wait until the error has been corrected. There are no object code file.</p>	
Questions	Skor	Answers	Notes
[30]	1m	6	
a)	1m	Kp	
b)	2m	<ul style="list-style-type: none"> <li>- helps to avoid duplicating records.</li> <li>- prevents null values being entered in the unique field.</li> <li>- ensures data integrity by uniquely identifying each record.</li> </ul>	Beri satu jawapan dapat 1 markah

**BAHAGIAN C**

Questions	Skor	Answers	Notes
[31] a) Explain	2M	Fetch – Obtaining data, information and instructions from Memory. CU will obtain the number 52, 10 and the program instructions from the memory.	No answer or wrong answer – 0 marks  Definition – 1 mark
Explain	2M	Z Process – translating the program instruction into the commands that the computer can process (machine language). The numbers 52, 100 and the program instructions will be decoded into machine language.	Definition and explanation related to the given diagram – 2 marks  .
b) Name	1M	Component Y is ALU	Name component Y- 1 marks..
Explain	2M	ALU – performs arithmetic and logical operations on data and in this situation both 52 and 100 will be multiplied and the answer is given - 5200.	Give definition of ALU and Explanation related to the diagram – 2 marks  Only give definition of ALU get – 1 Mark.
[32] a) State	1M	Consistency / konsisten	State – 1 mark
Describe	2M	<ul style="list-style-type: none"> <li>• Applies the same interface design for all screen.</li> <li>• Uses the same words or commands perform the same functions.</li> </ul>	Describe – 1 mark  .
b) Name	1M	Design/Rekabentuk	
State	1M	Storyboard/Papan Cerita OR Flowchart / Carta Alir	
Explain	2M	<ul style="list-style-type: none"> <li>• Phase to planning and design multimedia project.</li> <li>• The two tools used in this phase are storyboard and flowchart.</li> </ul>	State – 1 mark  Explain – 1 mark

Questions	Skor	Answers	Notes
[33] a)	1M	<b>Input</b> = number1, number2, number3 OR any relevan answer.	
	1M	<b>Proses:</b> Average = $\frac{\text{number1} + \text{number2} + \text{number3}}{3}$ OR any relevan answer	
	1M	<b>Output</b> = Average/Purata OR any relevan answer	
	1M	pseudo code OR top-down design model.	
b)	1M	Name the phase :  Coding	
	2M	Explain the phase:  The process of writing the instructions or code for solution using the computer programming language. A programmer uses a program development tool which generates or provides some or all codes.	