

Q4.b Numerical answer

	Ox 6 7 1 7	bytes in cache															
	0110 0111 0001 0111	128															
(i)	<table border="0" style="margin-left: 40px;"> <tr> <td style="border-top: 1px solid black; border-bottom: 1px solid black;">0110</td> <td style="border-top: 1px solid black; border-bottom: 1px solid black;">0111</td> <td style="border-top: 1px solid black; border-bottom: 1px solid black;">0001</td> <td style="border-top: 1px solid black; border-bottom: 1px solid black;">0111</td> </tr> <tr> <td>TAG</td> <td>BLOCK</td> <td>WORD</td> <td>BYTE</td> </tr> <tr> <td>0x6e</td> <td>0</td> <td>5</td> <td>3</td> </tr> </table>	0110	0111	0001	0111	TAG	BLOCK	WORD	BYTE	0x6e	0	5	3				
0110	0111	0001	0111														
TAG	BLOCK	WORD	BYTE														
0x6e	0	5	3														
(ii)	<table border="0" style="margin-left: 40px;"> <tr> <td style="border-top: 1px solid black; border-bottom: 1px solid black;">0110</td> <td style="border-top: 1px solid black; border-bottom: 1px solid black;">0111</td> <td style="border-top: 1px solid black; border-bottom: 1px solid black;">0001</td> <td style="border-top: 1px solid black; border-bottom: 1px solid black;">0111</td> <td></td> </tr> <tr> <td>TAG</td> <td>SET</td> <td>WORD</td> <td>BYTE</td> <td>BLOCK</td> </tr> <tr> <td>0x67</td> <td>1</td> <td>1</td> <td>3</td> <td>any</td> </tr> </table>	0110	0111	0001	0111		TAG	SET	WORD	BYTE	BLOCK	0x67	1	1	3	any	1024
0110	0111	0001	0111														
TAG	SET	WORD	BYTE	BLOCK													
0x67	1	1	3	any													
(iii)	<table border="0" style="margin-left: 40px;"> <tr> <td style="border-top: 1px solid black; border-bottom: 1px solid black;">0110</td> <td style="border-top: 1px solid black; border-bottom: 1px solid black;">0111</td> <td style="border-top: 1px solid black; border-bottom: 1px solid black;">0001</td> <td style="border-top: 1px solid black; border-bottom: 1px solid black;">0111</td> <td></td> </tr> <tr> <td>TAG</td> <td></td> <td>WORD</td> <td>BYTE</td> <td>BLOCK</td> </tr> <tr> <td>0x671</td> <td></td> <td>1</td> <td>3</td> <td>any</td> </tr> </table>	0110	0111	0001	0111		TAG		WORD	BYTE	BLOCK	0x671		1	3	any	256
0110	0111	0001	0111														
TAG		WORD	BYTE	BLOCK													
0x671		1	3	any													