Microcontroller and its applications

Item Text	Option Text 1	Option Text 2	Option Text 3	Option Text 4
Which of the following is an 8-bit data type for 8051C?	unsigned char	signed int	unsigned int	bit
Which of the following is a 16-bit data type for 8051C?	signed char	unsigned int	sfr	unsigned char
Which of the following is a 1-bit data type for 8051C?	sfr	signed int	sbit	unsigned char
What is the range of values of **unsigned char** data type for 8051C?	-128 to +127	0 to 65,535	0 to 128	0 to 255
What is the range of values of **signed char** data type for 8051C?	0 to 255	-128 to +127	0 to 65,535	0 to 128
What is the range of values of **unsigned int** data type for 8051C?	0 to 65,535	0 to 255	-32,768 to +32,767	-128 to +127
What is the range of values of **signed int** data type for 8051C?	0 to 255	-32768 to +32767	0 to 65,535	0 to 128
What is the data range/usage of **sbit** data type of 8051C?	0 to 255	-128 to +127	0 to 65,535	SFR bit-addressable only
What is the data range/usage of **bit** data type of 8051C?	RAM bit-addressable only	-128 to +127	0 to 65,535	0 to 255
What is the data range/usage of *sfr* data type of 8051C?	0 to 255	RAM addresses 80-FFH only	-128 to +127	0 to 65,535
Which of the following is a **bitwise logic AND** operator in 8051 C?	&	|	^	~
What is the size of the flag register in the PIC?	16	8	32	64
Which bits of the status register are unused?	D0, D1, D2	D1, D3, D4	D5, D6, D7	D0, D3, D4
Which of the following instructions doesn't produce an opcode?	MOVLW 25H	ORG 2000H	ADDLW 12	GOTO HERE
The pseudo-instructions are also called as_____.	Mnemonics	Symbolic tables	Opcodes	Assembler directives

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In the PIC18, the program counter is_____ bits wide.	21	10	16	8
Which of the following files can be produced by the text editor?	myprog.hex	myprog.lst	myprog.asm	myprog.o
All the instructions in the PIC18 are_____ byte.	1 or 3	2 or 4	2 or 3	3 or 4
The instruction "MOVLW 44H" is a _____ byte instruction.	2	3	4	1
Give the value in WREG for the following: MYCOUNT EQU 15 MOVLW MYCOUNT	0FH	15	MYCOUNT	00H
The main difference between PIC18Fxxx and PIC18Cxxx microcontrollers is_____.	C is RAM, while F is the EPROM	C is EPROM, while F is the RAM	C is OTP, while F is the flash ROM	C is flash ROM, while F is OTP
The PIC18 is an _____ bit microcontroller.	64	32	16	8
The fixed instruction size, large number of registers, small instruction set, fast instruction execution, separate buses for data and code memory etc are the features of _____.	RISC	CISC	Simple	Complex