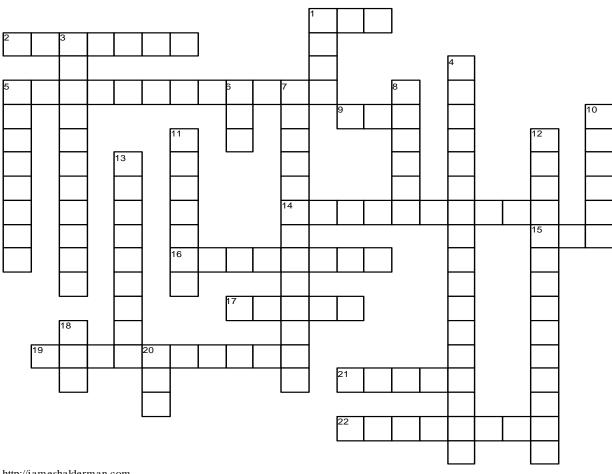
Computer Fundamentals

Chapter 70



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1	is a method of controlling an					
	output using a digital signal.					
2	One of the names for the onboard					
	automotive computer is the					
	electronic module.					
5	The number system containing					
	only 0s and 1s is called the					
9	The can be considered the					
	brain of a computer.					
14	One of the names for the onboard					
	automotive computer is the					
	control assembly.					
15	A type of volatile RAM called					
	can be wired directly to battery					
	power.					
16	An is an electrical or					
	mechanical device that converts					
	electrical energy into heat, light,					
	or motion.					
17	is a signal from a device					
	that can be as simple as a button					
	or a switch on an instrument					
	panel, or a sensor on an engine.					

19	The SAE bulletin J1930		the
	standardizes the	6	The abbreviation for the Society of
	control module as the name of the		Automotive Engineers is
	onboard automotive computer.	7	creates a three-
21	conditioning is a process		dimensional performance graph
	that includes amplifying voltage		that applies to a given vehicle and
	signals that are too small for the		powertrain combination.
	computer circuitry to handle.	8	The PCM switches are actually
22	A digital computer changes the		transistors, and are often called
	analog input signals to digital bits		drivers.
	of information through an	10	Most program chips since the
	digital converter circuit.		early 1990s, called can be
			reflashed.
DOWN		11	The computer can process
			thousands of digital signals per
1	Part of the ROM is built into the		second because its circuits are
	computer, and the rest is located		able to switch voltage signals on
	in an IC chip called a		and off in billionths of a second.
		12	is another
3	RAM can retain its		name for a crystal oscillator.
	information even when the battery	13	The ratio of on-time relative to the
	is disconnected.		period of the cycle is referred to
4	One of the names for the onboard		as
	automotive computer is the	18	Permanent memory is called
	unit.	20	Temporary memory is called
5	The computer's speed is called		

