Chapter 02: Pipe Joining Techniques Plumbing 201

1.	As plastic pipe size increases, the pressure rating increases.				
	ANS: F	PTS:	1		
2.	Plastic pipe sizes are	either o	outside diameter or inside diameter controlled.		
	ANS: T	PTS:	1		
3.	Most plastic piping n	nust be	protected from prolonged exposure to sunlight.		
	ANS: T	PTS:	1		
4.	Most plastic pipe ma	terials l	nave the same pressure/temperature ratings.		
	ANS: F	PTS:	1		
5.	The pressure rating o	f PEX j	piping does not change with temperature.		
	ANS: F	PTS:	1		
6.	Some plastic piping i	materia	ls have both nonpressure and pressure-application ratings.		
	ANS: T	PTS:	1		
7.	CPVC pipe is suitable	e for bo	oth hot and cold water applications.		
	ANS: T	PTS:	1		
8.	SDR and SIDR ratios	s are the	e same thing.		
	ANS: F	PTS:	1		
9.	The preferred method	d of join	ning PE pipe is solvent cement.		
	ANS: F	PTS:	1		
10.	Plastic pipe should be	e pressi	are tested with air to dry the solvent cement inside the pipe.		
	ANS: F	PTS:	1		
11.	Plastic materials will	not con	nduct electricity.		
	ANS: T	PTS:	1		
12.	Universal plastic pipe	e cemer	nts are preferred by the manufacturers of plastic pipe.		
	ANS: F	PTS:	1		

13.	All CSST tubing is manufactured to the same dimensions.					
	ANS: F	PTS:	1			
14.	Cast iron pipe comes	standa	rd in 20 foot length	ıs.		
	ANS: F	PTS:	1			
15.	Cast iron pipe comes	standa	rd in 10 foot length	ıs.		
	ANS: T	PTS:	1			
16.	Plastic pipe expands	and cor	ntracts more than s	teel j	pipe.	
	ANS: T	PTS:	1			
17.	Steel pipe is the stron	ngest an	d toughest piping	mate	erial made.	
	ANS: T	PTS:	1			
18.	Galvanized steel pipe	e is desi	gned for use in fue	el ga	s systems.	
	ANS: F	PTS:	1			
MUL	ГІРЬЕ СНОІСЕ					
1.	The type of plastic wa. thermoplastic. b. thermoset.	hich ca	nnot be softened b	c.	e application of heat is called CPVC. PVC.	
1.	a. thermoplastic.			c.	CPVC.	
 2. 	 a. thermoplastic. b. thermoset. ANS: B The largest portion of a. fire sprinkler b. process piping 	PTS:	1 astic piping market	c. d.	CPVC. PVC. ased for applications. drain, waste, and vent	
	a. thermoplastic. b. thermoset. ANS: B The largest portion of a. fire sprinkler b. process piping ANS: D The common element	PTS: f the pla	1 astic piping market 1	c. d. t is u c. d.	CPVC. PVC. ased for applications. drain, waste, and vent underground piping	
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2.	a. thermoplastic. b. thermoset. ANS: B The largest portion of a. fire sprinkler b. process piping ANS: D The common elementa. carbon. b. chlorine. ANS: A The joining method of a. the nature of the	PTS: f the pla PTS: t in all p PTS: to be use moleculis OD- tic will l	1 1 plastic piping market 1 plastic polymers is 1 ed for plastic pipin les and polymer ch or ID-controlled. burn in the presence	c. d. is u c. d. c. d.	CPVC. PVC. ased for applications. drain, waste, and vent underground piping hydrogen. nitrogen.	
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ANS: C PTS: 1 6. When colored piping is used, gas distribution piping would normally be what color(s)? a. orange c. tan or gray b. green d. yellow or black with yellow stripes ANS: D PTS: 1 7. Which of the following plastic piping materials CANNOT be joined using solvent cement? a. ABS c. CPVC b. PE d. PVC ANS: B PTS: 1 8. In solvent cement joining, the cement is applied to a. the outside of the pipe end and the inside of the socket. b. the outside of the pipe end only, c. the inside of the socket only. d. none of the above. ANS: A PTS: 1 9. Where can you find the threshold limits for worker exposure to the solvents used for solvent cement joining? a. label on the solvent cement can b. insert flyer in the box of solvent cement cans c. Safety Data Sheet d. NIOSH website ANS: C PTS: 1 10. Which type of piping is normally joined using clastomeric scaling gaskets? a. DWV piping b. fire sprinkler piping c. irrigation piping d. underground PVC pressure and sewer piping ANS: D PTS: 1 11. Which of the following is NOT a type of mechanical fitting joint? a. electrofusion b. crimp fusion, stab fusion, electrofusion, and saddle fusion. b. crimp fusion, stab fusion, electrofusion, and saddle fusion. b. crimp fusion, socket fusion, electrofusion, and saddle fusion. c. socket fusion, ferrule fusion, but fusion, and stab fusion. d. butt fusion, socket fusion, electrofusion, and saddle fusion. d. butt fusion, socket fusion, electrofusion, and saddle fusion. d. butt fusion, socket fusion, electrofusion, and saddle fusion. d. butt fusion, socket fusion, electrofusion, and saddle fusion. d. butt fusion, socket fusion, electrofusion, and saddle fusion. d. butt fusion, socket fusion, electrofusion, and saddle fusion. d. butt fusion, socket fusion, electrofusion, and saddle fusion.		a. corrosion resistab. chemical resista		c. one type serves all purposesd. light weight
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ANS: D PTS: 1	12.	a. butt fusion, stabb. crimp fusion, soc. socket fusion, fo	o fusion, electrofusion beket fusion, electrofu errule fusion, butt fusi	sion, and saddle fusion. on, and stab fusion.
		ANS: D	PTS: 1	

13.	Which of the following a. ABS b. CPVC	ng is a nonrigid piping ma	terial? c. PE d. PP
	ANS: C	PTS: 1	
14.	Which is a type of piga. ABS b. PB	ping that is no longer avai	lable? c. PE d. PP
	ANS: B	PTS: 1	
15.	What type of joints a a. elastomeric gaske b. flanges	re commonly used to join ets	PE and PEX tubing? c. heat fusion d. mechanical fittings
	ANS: D	PTS: 1	
16.	Type L copper tubing a. red b. blue	g is coded with which colo	r stripe and lettering? c. green d. yellow
	ANS: B	PTS: 1	
17.	Which of the following a. solvent cement b. brazing	ng is NOT an acceptable r	nethod of joining copper tubing? c. flaring d. soldering
	ANS: A	PTS: 1	