1.	A hollow iron pipe is 21 cm long and its external diameter is 8 cm. If the thickness of the pipe is 1 cm and iron weighs 8 g/cm 3 , then the weight of the pipe is:			
		A.	3.6 kg	
		B.	3.696 kg	
		C.	36 kg	
		D.	36.9 kg	
2.	The property		ct of two numbers is 120 and the sum of their squares is 289. The sum of the	
		A.	20	
		B.	23	
		C.	169	
		D.	None of these	
3.		er, the	number is such that the product of the digits is 8. When 18 is added to the en the digits are reversed. The number is:	
		В.		
		С.		
	П	D.		
		υ.		
		off a	ains a mixture of two liquids A and B is the ratio 7:5. When 9 litres of mixture are nd the can is filled with B, the ratio of A and B becomes 7:9. How many litres of s contained by the can initially?	
		A.	10	
		В.	20	
		C.	21	
		D.	25	

5.	To fill a tank, 25 buckets of water is required. How many buckets of water will be required to fill the same tank if the capacity of the bucket is reduced to two-fifth of its present?				
		A.	10		
		В.	35		
		C.	62.5		
		D.	Cannot be determined		
6.	Which	of th	e following statements is not correct?		
		A.	$\log_{10} 10 = 1$		
		B.	$\log (2 + 3) = \log (2 \times 3)$		
		C.	$log_{10} \ 1 = 0$		
		D.	$\log (1 + 2 + 3) = \log 1 + \log 2 + \log 3$		
7.	A train	125	m long passes a man, running at 5 km/hr in the same direction in which the train		
	is going, in 10 seconds. The speed of the train is:				
		A.	45 km/hr		
		В.	50 km/hr		
		C.	54 km/hr		
		D.	55 km/hr		
8.	A train	pas:	ses a station platform in 36 seconds and a man standing on the platform in 20		
			the speed of the train is 54 km/hr, what is the length of the platform?		
		A.	120 m		
		B.	240 m		
		C.	300 m		
		D.	None of these		

9.		ost price of 20 articles is the same as the selling price of x articles. If the profit is 25%, he value of x is:			
		A.	15		
		В.	16		
		C.	18		
		D.	25		
10.	A ven	A.	ought toffees at 6 for a rupee. How many for a rupee must he sell to gain 20%?		
		В.	4		
		C.	5		
		D.	6		
11.			walks at 14 km/hr instead of 10 km/hr, he would have walked 20 km more. The ince travelled by him is:		
		A.	50 km		
		В.	56 km		
		C.	70 km		
		D.	80 km		
12. The sum of ages of 5 children born at the intervals of 3 years each is 50 years. W age of the youngest child?					
		-	,		
		A.	4 years		
		A. B.	4 years		
			4 years 8 years		

13. A, B and C can do a piece of work in 20, 30 and 60 days respectively. In how many days can A do the work if he is assisted by B and C on every third day?				
	A.	12 days		
	B.	15 days		
	C.	16 days		
	D.	18 days		
14. What percentage of numbers from 1 to 70 have 1 or 9 in the unit's digit?				
	A.	1		
	B.	14		
	C.	20		
	D.	21		
15. A frui had:	t selle	r had some apples. He sells 40% apples and still has 420 apples. Originally, he		
	A.	588 apples		
	B.	600 apples		
	C.	672 apples		
	D.	700 apples		
16. Which of the following statements should be used to obtain a remainder after dividing 3.14 by 2.1 ?				
	^	0.44.0/.0.4		
	A.	rem = 3.14 % 2.1;		
	A. B.	rem = $3.14 \% 2.1$; rem = $modf(3.14, 2.1)$;		

17.	17. The keyword used to transfer control from a function back to the calling function is			
		A.	switch	
		B.	goto	
		C.	go back	
		D.	return	
18.	What a	are th	ne types of linkages?	
		A.	Internal and External	
		В.	External, Internal and None	
		C.	External and None	
		D.	Internal	
19.	Which	of th	e following correctly shows the hierarchy of arithmetic operations in C?	
		A.	/ + * -	
		B.	* - / +	
		C.	+ - / *	
		D.	/* + -	
		D.		
20.				
20.		of th	/* + -	
20.	Which	of th	/* + - e following is the correct usage of conditional operators used in C?	
20.	Which	of th A. B.	/* + - e following is the correct usage of conditional operators used in C? a>b ? c=30 : c=40;	

21.	21. What will happen if in a C program you assign a value to an array element whose subscript exceeds the size of array?			
		A.	The element will be set to 0.	
		B.	The compiler would report an error.	
		C.	The program may crash if some important data gets overwritten.	
		D.	The array size would appropriately grow.	
22.	Which	of th	e following function sets first n characters of a string to a given character?	
		A.	strinit()	
		B.	strnset()	
		C.	strset()	
		D.	strcset()	
23. If the two strings are identical, then <pre>strcmp()</pre> function returns				
		A.	-1	
		B.	1	
		C.	0	
		D.	Yes	
24.	How w	/ill yo	ou print \n on the screen?	
		A.	printf("\n");	
		B.	echo "\\n";	
		C.	printf('\n');	
		D.	printf("\\n");	

25. Which of the following function is used to find the first occurrence of a given string in another string?				
	A.	strchr()		
	B.	strrchr()		
	C.	strstr()		
	D.	strnset()		