1.	Which one of the following is not a prime number?	
	a) 31	b) 61
	c) 71	**d)91**
2.	$(112 \times 5^4) = ?$	
	a) 67000	**b) 70000**
	c) 76500	d) 77200
3.	What least number must be added to 1056, so that the sum is completely divisible by 23 ?	
	a) 2	b) 3
	c) 18	d) 21
4.	How many of the following numbers are divisible by 132? 264, 396, 462, 792, 968, 2178, 5184, 6336	
	a) 4	b) 5
	c) 6	d) 7
5.	Identify the greatest number that will divide 43, 91 and 183 so as to leave the same remainder in each case.	
	a) 4	b) 7
	c) 9	d) 13
6.	The H.C.F. of two numbers is 23 and the other two factors of their L.C.M. are 13 and 14. Identify the larger of the two numbers.	
	a) 276	b) 299
	c) 322	d) 345
7.	Six bells commence tolling together and toll at intervals of 2, 4, 6, 8 10 and 12 seconds respectively. In 30 minutes, how many times do they toll together ?	
	a) 4	b) 10
	c) 15	**d) 16**
8.	The greatest number of four digits which is divisible by 15, 25, 40 and 75 is:	
	a) 9000	b) 9400
	c) 9600	d) 9800
9.	Identify the cube root of .000216	
	a) -6	**b) .06**
	c) 27	d) 87
10.	What should come in place of both x in the equation $\dfrac{x}{\text{Sqrt}(128)} = \dfrac{\text{Sqrt}(162)}{x}$.	
	a) 12	b) 14

	c) 144		d) 196
11.	The least perfect square, which is divisible by each of 21, 36 and 66 is:		
	a) 213444		b) 214344
	c) 214434		d) 231444
12.	What decimal of an hour is a second?		
	a) .0025		b) .0256
	c) .00027		d) .000126
13.	A batsman scored 110 runs which included 3 boundaries and 8 sixes. Identify the percent of his total score did he make by running between the wickets?		
	a) 45%		**b) 45(5/11) %**
	c) 54(6/11)%		d) 55 %
14.	Two students appeared at an examination. One of them secured 9 marks more than the other and his marks was 56% of the sum of their marks. The marks obtained by them are:		
	a) 39, 30		b) 41, 32
	c) 42, 33		d) 43, 34
15.	A fruit seller had some apples. He sells 40% apples and still has 420 apples. Originally, he had:		
	a) 588 apples		b) 600 apples
	c) 672 apples		**d) 700 apples**
16.	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
17.	If A = x% of y and B = y% of x, then Infer which of the following is true?		
	a) A is smaller than B.		b) A is greater than B
	c) Relationship between A and B cannot be determined.		**d) None of these**
18.	Alfred buys an old scooter for Rs. 4700 and spends Rs. 800 on its repairs. If he sells the scooter for Rs. 5800, his gain percent is:		
	a) 4(4/7)%		**b) 5(5/11) %**
	c) 10%		d) 12 %
19.	The cost price of 20 articles is the same as the selling price of x articles. If the profit is 25%, then Identify the value of x is:		
	a) 15		**b) 16**
	c) 18		d) 25
20.	If selling price is doubled, the profit triples. Identify the profit percent.		
	a) 66(2/3)		**b) 100**
	c) 105(1/3)		d) 120

1.	In a certain store, the profit is 320% of the cost. If the cost increases by 25% but the selling price remains constant, approximately what percentage of the selling price is the profit?	
	a) 30%	**b) 70%**
	c) 100%	d) 250%
2.	A vendor bought toffees at 6 for a rupee. How many for a rupee must he sell to gain 20%?	
	a) 3	b) 4
	c) 5	d) 6
3.	A sum of money at simple interest amounts to Rs. 815 in 3 years and to Rs. 854 in 4 years. The sum is:	
	a) Rs.650	b)Rs.690
	c) Rs. 698	d) Rs. 700
4.	Mr. Thomas invested an amount of Rs. 13,900 divided in two different schemes A and B at the simple interest rate of 14% p.a. and 11% p.a. respectively. If the total amount of simple interest earned in 2 years be Rs. 3508, what was the amount invested in Scheme B?	
	a) Rs. 6400	b) Rs. 6500
	c) Rs. 7200	d) Rs. 7500
5.	A sum fetched a total simple interest of Rs. 4016.25 at the rate of 9 p.c.p.a. in 5 years. What is the sum?	
	a) Rs. 4462.50	b) Rs. 8032.50
	c) Rs. 8900	**d) Rs. 8925**
6.	How much time will it take for an amount of Rs. 450 to yield Rs. 81 as interest at 4.5% per annum of simple interest?	
	a) 3.5 years	**b) 4 years**
	c) 4.5 years	d) 5 years
7.	A bank offers 5% compound interest calculated on half-yearly basis. A customer deposits Rs. 1600 each on 1st January and 1st July of a year. At the end of the year, the amount he would have gained by way of interest is:	
	a) Rs. 120	**b) Rs. 121**
	c) Rs. 122	d) Rs. 123
8.	A and B together have Rs. 1210. If $\frac{4}{15}$ of A's amount is equal to $\frac{2}{5}$ of B's amount, Identify the amount does B have?	
	a) Rs. 460	**b) Rs. 484**
	c) Rs. 550	d) Rs. 664
9.	Two numbers are respectively 20% and 50% more than a third number. The ratio of the two numbers is:	
	a) 2:5	b) 3:5

	c) 4:5	d) 6:7
10.	A sum of money is to be distributed among A, B, C, D in the proportion of 5 : 2 : 4 : 3. If C gets Rs. 1000 more than D, what is B's share?	
	a) Rs. 500	b) Rs. 1500
	c) Rs. 2000	d) Rs. 3000
11.	Seats for Mathematics, Physics and Biology in a school are in the ratio 5 : 7 : 8. There is a proposal to increase these seats by 40%, 50% and 75% respectively. What will be the ratio of increased seats?	
	a) 2:3:4	b) 6:7:8
	c) 6:8:9	d) 7:8:9
12.	In a mixture 60 litres, the ratio of milk and water 2 : 1. If this ratio is to be 1 : 2, then identify the quantity of water to be further added is:	
	a) 20 litres	b) 30 litres
	c) 40 litres	**d) 60 litres**
13.	A vessel is filled with liquid, 3 parts of which are water and 5 parts syrup. How much of the mixture must be drawn off and replaced with water so that the mixture may be half water and half syrup?	
	a) 1/3	b) 1/4
	c) 1/5	d) 1/7
14.	Tea worth Rs. 126 per kg and Rs. 135 per kg are mixed with a third variety in the ratio 1 : 1 : 2. If the mixture is worth Rs. 153 per kg, the price of the third variety per kg will be:	
	a) Rs. 169.50	b) Rs. 170
	c) Rs. 175.50	d) Rs. 180
15.	A can contains a mixture of two liquids A and B is the ratio 7 : 5. When 9 litres of mixture are drawn off and the can is filled with B, the ratio of A and B becomes 7: 9. How many litres of liquid A was contained by the can initially?	
	a) 10	b) 20
	c) 21	d) 25