## **ALLIGATION AND MIXTURE**

			of milk to water is 7:5. How much
quantity of water will		•	
(a)8litre	(b)10 litre	(c)15litre	(d)20 litre
2.In a mixture of milk water should be added			of milk and water is 8:7.How much
(a)6 litre	(b)4.5litre	(c)5litre	(d)5.5litre
3.600 gm of Sugar sol the solution?	ution has 40% sugar ii	n it.How much sugar sh	ould be added to make it 50% in
(a)60	(b)90	(c)120	(d)150
4.I have 100 books of	English.I sold some of	f these at a profit of 129	% and rest at 8% loss.On the whole
I got a profit of 11%.H	Iow many books were	sold at 12% profit by n	ne?
(a)50	(b)56	(c)60	(d)95
		milk and water in the raid the ratio of milk and	tio of 5:2,4:3 and 3:1 respectively water
(a)13:3	(b)19:9	(c)17:9	(d)CND.
~		ne rest is copper,be mixed o of zinc to copper in the	ed with 3 kg of metal,of which 1/4 ne mixture?
(a)13:42	(b)17:43	(c)19:43	(d)15:42
7.A sum of Rs. 6.40 is coins of 5-paise?	made up of 80 coins	which are either 10 –pai	ise or 5-paise coins. How many are
(a)24	(b)28	(c)32	(d)36
	•	oper is 9 times as heavy ay be 15 times as heavy	as water.In what ratio should as water?
(a)2:3	(b)3:2	(c)2:4	(d)4:2
0. 11	11 . 14 . 14 17	'11	and the same of the same
may be Rs 4.20 a litre		miik worth Rs 5.40 a iit	re so that the value of the mixture
(a) 7 litres	(b) 6 litres	(c) 5 litres	(d) 4 litres
		ater in the ratio 7 : 2. Hand water in the ratio 7	ow much more water is to be : 3?
(a) 600 ml	(b) 710 ml	(c) 520 ml	(d) None of these
-	-	. In what ratio should we he may get a profit of	rater be mixed in that chemical so 25 percent?
(a) 13:16	(b) 16:9	(c) 12:15	(d) 19:22

12. A milk vendor has 2 cans of milk. The first contains 25% water and the rest milk. The second contains 50% water. How much milk should he mix from each of the containers so as to get 12 liters of milk such that the ratio of water to milk is 3:5?					
(a) 4 lit, 8 lit	(b) 6 lit, 6 lit	(c) 5 lit, 7 lit	(d) 7 lit, 5 lit		
13. In what ratio must a grocer mix two varieties of pulses costing Rs. 15 and Rs. 20 per kg respectively so as to get a mixture worth Rs. 16.50 kg?					
(a) 3:7	(b) 5:7	(c) 7:3`	(d) 7:5		
14. A dishonest milkman professes to sell his milk at cost price but he mixes it with water and thereby gains 25%. The percentage of water in the mixture is:					
(a) 4%	(b) $6\frac{1}{4}\%$	(c) 20%	(d) 25%		
15. How many kilogram of sugar costing Rs. 9 per kg must be mixed with 27 kg of sugar costing Rs. 7 per kg so that there may be a gain of 10% by selling the mixture at Rs. 9.24 per kg?  (a) 36 kg  (b) 42 kg  (c) 54 kg  (d) 63 kg					
16. A container contains 40 liters of milk. From this container 4 liters of milk was taken out and replaced by water. This process was repeated further two times. How much milk is now contained by the container?					
(a) 26.34 lit	(b) 27.36 lit	(c) 28 lit	(d) 29.16 lit		
17. A jar full of whisky contains 40% alcohol. A part of this whisky is replaced by another containing 19% alcohol and now the percentage of alcohol was found to be 26%. The quantity of whisky replaced is:					
(a) $\frac{1}{3}$	(b) $\frac{2}{3}$	(c) $\frac{2}{5}$	$(d)\frac{3}{5}$		
18. In what ratio must water be mixed with milk to gain $16\frac{2}{3}\%$ on selling the mixture at cost price?					
(a) 1:6	(b) 6:1	(c) 2:3	(d) 4:3		
19. Find the ratio in which rice at Rs. 7.20 a kg be mixed with rice at Rs. 5.70 a kg to produce a mixture worth Rs. 6.30 a kg.					
(a) 2:3	(b) 3:4	(c) 3:5	(d) 4:5		
20. In what ratio must a grocer mix two varieties of tea worth Rs. 60 a kg and Rs. 65 a kg so that by selling the mixture at Rs. 68.20 a kg he may gain 10%?					
(a) 3:2	(b) 3:4	(c) 3:5	(d) 4:5		