## Alligation and mixture test

		•											
		sugar part of whuantity sold at 1		profit and the rest at 18% profit. He									
(a) 400 kg	(b) 560 kg	(c) 600 kg	(d) 720 kg										
Q2. The ratio in which a man must mix rice at Rs. 10.20 per kg and Rs. 14.40 per kg so as to make a mixture worth Rs. 12.60 per kg is:													
(a) 4:5	(b) 3:4	(c) 4:3	(d) 18:24										
Q3. Two vessels A and B contain milk and water mixed in the ratio of 4 : 3 and 2 : 3. The ratio in which these mixtures be mixed to form a new mixture containing half milk and half water is:													
(a) 4:3	(b) 5:6	(b) 5:6 (c) 6:5											
Q4. A mixture of 150 liters of wine and water contains 20% water. How much more water should be added so that water becomes 25% of the new mixture?													
(a) 10 litres	(b) 20 litres	(c) 30 litres	(d) 40 litres	(e) None of these									
Q5. Find the pro to obtain a mixt			sugar at Rs.12, Rs	14, and Rs.20, may be mixed so as									
(a) 3:12:16	(b) 4:12:15	(c) 5:5:4	(d) 5:15 <mark>:6</mark>										
	nd alloy is 2 : 5.	In what ratio sh		oppe <mark>r and</mark> tin in the first alloy is 1 : 3 be mixed to obtain a new alloy in									
(a) 5:11	(b) 4:7	(c) 3:5	(d) 3:8										
Q7. The average score obtained by girls is 40 Marks and that of boys is 60. If the mean of the class is 52 marks and there are 120 students in class. Find the number of girls in class.													
(a) 48	(b) 72	(c) 96	(d) None of the	se									
-	•	•	•	parts are syrup. How much of the xture may be half water and half									
(a) 1/3	(b) 1/4	(c) 1/5	(d) 1/7	(e) None of these									
	is filled with B,			5. When 9 litres of mixture are drawn How many litres of liquid A was									
(a) 10	(b) 20	(c) 21	(d) 25										





## Jraining for Professional Competence

Q10. In two types of stainless steel, the ratio of chromium and steel are 2:11 and 5:21 respectively. In what proportion should the two types be mixed so that the ratio of chromium to steel in the mixed type becomes 7:32?

(a) 1:2

(b) 1:3

(c) 2:3

(d) 3:4

## **Answer key**

1	С	3	D	5	С	7	Α	9	С
2	В	4	Α	6	В	8	С	10	Α

