

Mixture and Alligation:

Milk + Water }
Copper + gold + }

Rule

1kg Rice

2kg wheat

Mean price

c.p. }
10kg Rice

Basic

12/kg Rice 2

Intend

13/kg

Mean price

R.S.

Alligation

c.p of cheaper
10/kg

c.p of dearest
12/kg

Rice 1/kg

11/kg mean

Price of mix.

m-c

d-m

Quantity of cheaper
Quantity of dearest

$$= \frac{d-m}{m-c}$$

21. In what ratio must rice at ₹ 9.30 per kg be mixed with rice at ₹ 10.80 per kg so that the mixture be worth ₹ 10 per kg?
- a) 8:7 b) 7:8 c) 5:6 d) 4:6

