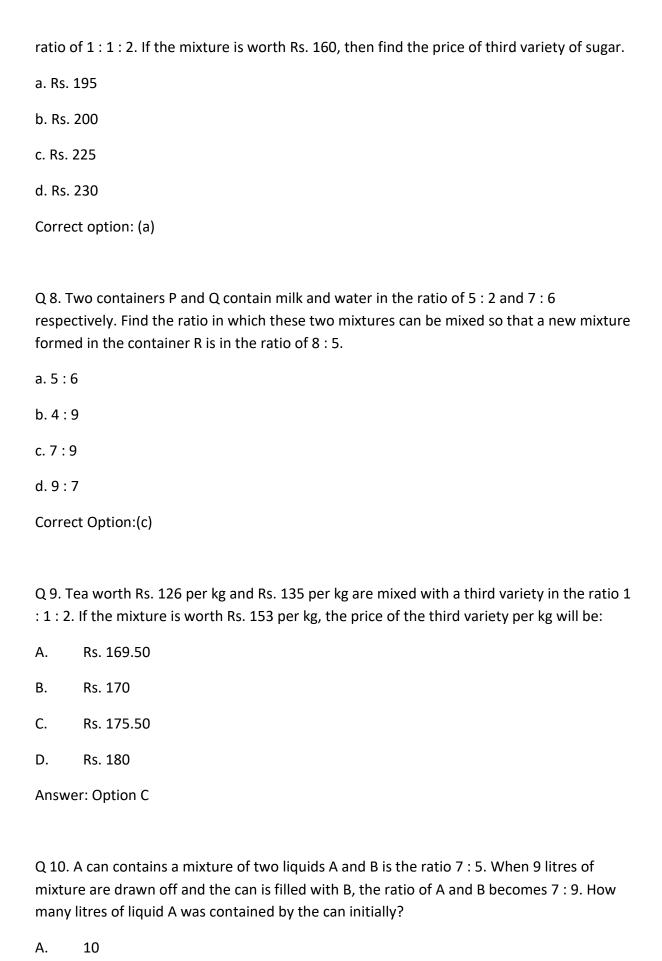
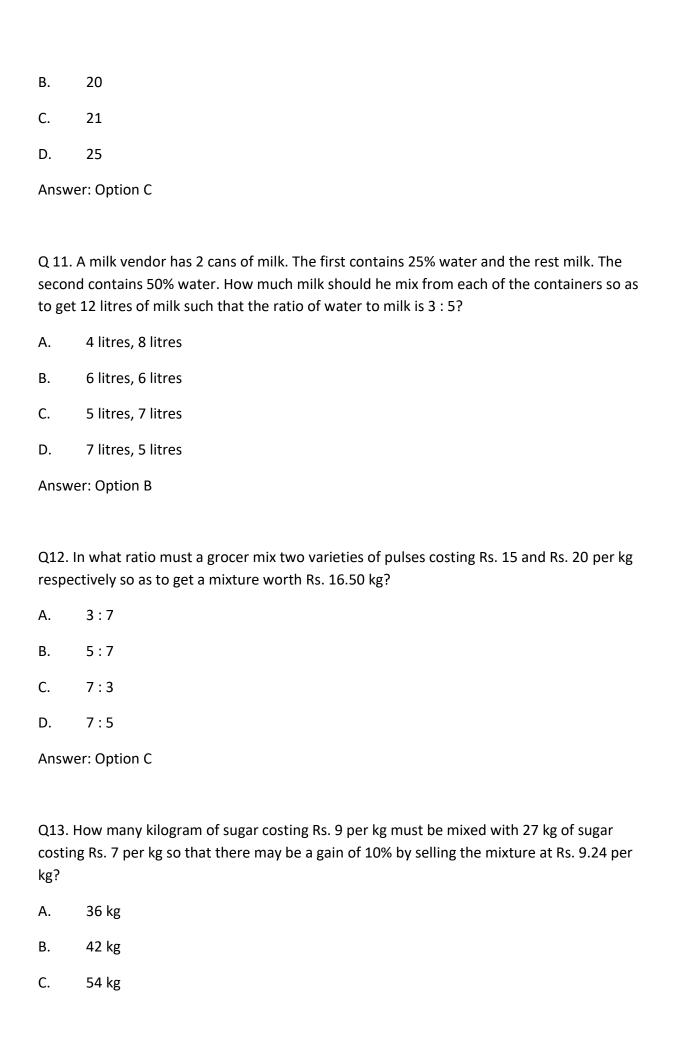
## ALLEGATION AND MIXTURE MCQ

Q 1. In what ratio must wheat A at Rs. 10.50 per kg be mixed with wheat B at Rs. 12.30 per kg, so that the mixture be worth of Rs. 11 per kg?
a. 13:5
b. 18:3
c. 17 : 5
d. 11:5
Correct option :(a)
Q 2. In what ratio must a shopkeeper mix Peas and Soybean of Rs. 16 and Rs. 25 per kg respectively, so as to obtain a mixture of Rs. 19.50 ?
a. 9:5
b. 7:5
c. 11:7
d. 12:8
Correct option: (c)
Q 3. 10 gallons are drawn from a container full of alcohol and filled with water again. 10 gallons of mixture are again drawn and the container is filled with water again. If the ratio of alcohol and water left in the container is 49 : 32, then find how much quantity does the container hold?
a. 35 gallons
b. 45 gallons
c. 55 gallons
d. 60 gallons
Correct option : (b)

Q 4. A container is filled with a mixture of water and milk in the ratio of 3:5. Find the quantity of mixture to be drawn off and replaced with water, in order to get the mixture as half milk and half water.
a. 2:3
b. 1:1
c. 1:5
d. 1:4
Correct option : (c)
Q 5. Find in what ratio must water be mixed with alcohol to gain 10% profit by selling the mixture at cost price.
a. 1:5
b. 1:10
c. 1:15
d. 1:20
Correct option : (b)
Q 6. A shopkeeper has 100 kg of salt. He sells part of the total quantity A at 7% profit and the rest B at 17 % profit. If he gains 10 % profit on the whole quantity, then find how much is sold at 7 % profit?
a. 30 kG
b. 35 kg
c. 40 kg
d. 45 kg
Correct option : (a)

Q 7. Sugar A worth Rs. 130/kg and B of Rs. 120/kg are mixed with a third variety C in the





D. 63 kg

Answer: Option D