









# **MIxtures And Alligations Questions Overview**

MIxtures And Alligations Questions have a good weightage in the Ssc Cgl Exam and the type of question asked in Ssc Cgl exam is similar to the question mentioned below. It has been solved and explained by KD Live Experts under the guidance of Neetu Mam and they have tried to elaborate the concept used in MIxtures And Alligations Questions.

# **Question On MIxtures And Alligations**

80 liter mixture of alcohol and water with 75% alcohol concentration is diluted until the concentration reaches 60%. Find the quantity of water mixed.

Difficulty: Moderate Average Time: 34 Seconds

# **MIxtures And Alligations Questions Options**

- 1. 20 litres
- 2. 40 litres
- 3. 25 litres
- 4. 35 litres

# **MIxtures And Alligations Questions Solution**

The correct answer is option 1 i.e. 20 liters.

Quantity of mixture = 80 liters

Quantity of alcohol = 75% of  $80 = (3/4) \times 80 = 60$  litres.

Quantity of water = 80 - 60 = 20 litres.

Let x be the quantity of water added to dilute the mixture.

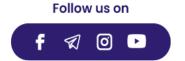
60/(80 + x) = 60%

60/(80 + x) = 6/10

600 = 480 + 6x

6x = 120

Page No: 1



Address: 1997, Mukherjee Nagar, 110009 Email: online@kdcampus.org Call: +91 95551 08888 Download the App

GET IT ON

Google Play











x = 120/6 = 20 litres.

# **MIxtures And Alligations Questions Tips and Tricks**



- 1. Try to solve Mixtures And Alligations Questions without taking any help from the solutions.
- 2. MIxtures And Alligations Questions require proper usage of concept so firstly read the question thoroughly and then use the right concept.
- 3. In case you're not able to solve the question in less than 30 seconds in the exam then you should skip the question and move to the next question.

## **Daily Current Affairs**



Page No: 2



Address: 1997, Mukherjee Nagar, 110009 Email: online@kdcampus.org Call: +91 95551 08888

Google Play

**Download the App** 











KD Live is providing Current Affairs on a daily basis for SSC and a current affairs quiz too for the practice. For the Current Affairs please Click Here and for the current affairs quiz please Click Here.

## **KD Live Free Offerings**



KD Live is Offering Every Information and Study Material required for the self study. Please click on the following links for accessing those.

Study Plan

**General Science** 

**General Awareness** 

General Knowledge

Quantitative Aptitude

**Logical Reasoning** 

**English Language** 

Today In History

-

Question Paper

**Syllabus** 

**Know Your State** 

**Know Your Country** 

**Know Your City** 

**Know Your Leader** 

**Books And Authors** 

**Daily Vocabulary** 

**Daily Editorial** 

Latest Notifications

Page No: 3



Address: 1997, Mukherjee Nagar, 110009 Email: online@kdcampus.org Call: +91 95551 08888 Download the App

GET IT ON

Google Play











**Exam Dates** 

**Admit Card** 

**Exam Results** 

**Exam Cutoff** 

**Exam Eligibility** 

Exam Pattern

**Answer Key** 

**Important Days** 

## **Further Guidance on Mixtures And Alligations Questions**

For Asking any query on MIxtures And Alligations Questions please mail Send Email or you can fill the form at KD Live.

#### **About KD Live**

KD live has an expertise in providing apt explanations for the MIxtures And Alligations Questions since 2008. More than 10 lakh aspirants have cleared competitive exams under the guidance of Neetu Mam. Study.kdcampus.live is providing free information on various topics and for the Ssc Cgl Exam you can refer the following link Click Here however if you want to practice more questions then please refer the following link Click Here.

#### **About Neetu Mam**

Neetu Mam is primarily passionate for the English language and teaching from the last 20 years however for the MIxtures And Alligations Questions. She has guided her team to provide the best explanation for the question.

Page No: 4



Address: 1997, Mukherjee Nagar, 110009 Email: online@kdcampus.org Call: +91 95551 08888 Download the App

GET IT ON

Google Play