



IBPS PO / CLERK 2019

MATH

MIXTURE & ALLIGATION

कम समय में ज्यादा QUESTIONS

9:00 AM

LECTURE 09

 Mahendra's

ENSURE YOUR SUCCESS WITH- VIDEO GURU



A COMPLETE VIDEO CLASS
FOR YOUR PREPARATION

Subscribe
BUTTON

DO NOT MISS YOUR PREPARATIONS WITH MAHENDRAS: STUDY MATERIAL, E-MICA, E-NEWS, BAGS & MUCH MORE. VISIT NOW: myshop.mahendras.com

LIVE CLASS



CRACK HSSC EXAM

WITH  *Mahendra's* **LIVE BATCHES**

BATCH STARTS FROM - 1 AUG 2019

HSSC

COMPLETE COURSE

MATHS

COMPLETE COURSE

HINDI

COMPLETE COURSE



GK & GS

COMPLETE COURSE

REASONING

COMPLETE COURSE



BUY FROM

myshop.mahendras.org

BATCH STARTS FROM - 9 SEP 2019

ENGLISH

COMPLETE COURSE

Mahendra's

ENSURE YOUR SUCCESS WITH- VIDEO GURU



A COMPLETE VIDEO CLASS
FOR YOUR PREPARATION

Subscribe
BUTTON



BOOST YOUR PREPARATIONS WITH MAHENDRAS: STUDY MATERIAL, E-MICA, E-NEWS, BAGS & MUCH MORE. VISIT NOW: myshop.mahendras.org

9

How many kilograms 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

कितने किलोग्राम चीनी जो की 9 रुपए प्रति किलोग्राम है मिलाया जाय 27 किलोग्राम चीनी, जो की 7 रुपए प्रति किलोग्राम है, जिसे 9.24 रुपए मे बेचने पर 10% का लाभ हो?

1-36

2-42

3-54

4-63

5-NOT

 Mahendra's

ENSURE YOUR SUCCESS WITH- **VIDEO GURU**



A COMPLETE VIDEO CLASS
FOR YOUR PREPARATION

 **Subscribe**
BUTTON

BOOST YOUR PREPARATIONS WITH MAHENDRAS: **STUDY MATERIAL, E-MICA, E-NEWS, BAGS & MUCH MORE.** VISIT NOW: myshop.mahendras.c

२

A merchant has 1000 kg of sugar, part of which he sells at 8% profit and the rest at 18% profit. He gains 14% on the whole. The quantity sold at 18% profit is:?

१००० किलोग्राम चीनी है कुछ भाग 8% लाभ पर और शेष 18% लाभ पर, तो कुल पे 14% का लाभ होता है, तो 18% लाभ पर बेची गयी मात्रा ज्ञात करें?

1-400

2-600

3-640

4-560

5-NOT

 Mahendra's

ENSURE YOUR SUCCESS WITH- **VIDEO GURU**



A COMPLETE VIDEO CLASS
FOR YOUR PREPARATION

Subscribe
BUTTON 

BOOST YOUR PREPARATIONS WITH MAHENDRAS: **STUDY MATERIAL, E-MICA, E-NEWS, BAGS & MUCH MORE.** VISIT NOW: myshop.mahendras.c

3

A 20 litre mixture of milk and water contains milk and water in the ratio 3 : 2. 10 litres of the mixture is removed and replaced with pure milk and the operation is repeated once more. At the end of the two removal and replacement, what is the ratio of milk and water in the resultant mixture?

20 lt मिश्रण जिसमे दूध और पानी के अनुपात 3:2 है, 10 lt निकाल कर दूध से विस्थापित कर दिया गया यह प्रक्रिया 2 बार की गयी तो नए अनुपात ज्ञात करे?

1-17 : 3

2-9 : 1

3-3 : 17

4-5 : 3

5-NOT



In what ratio must a person mix three kinds of tea costing Rs.60/kg, Rs.75/kg and Rs.100 /kg so that the resultant mixture when sold at Rs.96/kg yields a profit of 20%?

किस अनुपात में तीन तरह की चाई 60/kg, 75/kg, 100/kg ताकी मिश्रण को 96/kg में बेच कर 20% लाभ कमाता है?

1-1 : 2 : 4

2-3 : 7 : 6

3-1 : 4 : 2

4-None of these

5-c&d

9

How many litres of water should be added to a 30 litre mixture of milk and water containing milk and water in the ratio of 7 : 3 such that the resultant mixture has 40% water in it?

कितने लिटर पानी मिलाया जाये 30 lt मिश्रण मे जिसमे दूध और पानी का अनुपात 7:3 है ताकी पानी की मात्र 40% हो जाए ?

- 1-7 litres
- 2-10 litres
- 3-5 litres
- 4-None of these
- 5-8 litres

६

From a cask of milk containing 30 litres, 6 litres are drawn out and is replaced with water. If the same process is repeated two more times, how many litres of milk will be left in the cask?

३० lt के शुद्ध दूध के एक कनस्तर से ,६ lt निकाल कर पानी से विस्थापित किया जाता है प्रक्रिया २ बार की गयी तो कितने लिटर दूध शेष है?

1-0.512 litres

2-12 litres

3-14.38 litres

4-15.36 litres

5-not

9

A 60 litre mixture of milk and water comprising 60% pure milk is mixed with "x" litres of pure milk. The new mixture comprises 80% milk. What is the value of "x"?

60 LT के दूध और पानी के मिश्रण में 60% दूध है, x lt शुद्ध दूध मिलाया गया, अब नए मिश्रण में दूध की प्रतिशत 80% तो x का मान ज्ञात करें?

1-40 litres

2-20 litres

3-80 litres

4-16 litres

5-60 litre

 Mahendra's

ENSURE YOUR SUCCESS WITH- **VIDEO GURU**



A COMPLETE VIDEO CLASS
FOR YOUR PREPARATION

 **Subscribe**
BUTTON

BOOST YOUR PREPARATIONS WITH MAHENDRAS: **STUDY MATERIAL, E-MICA, E-NEWS, BAGS & MUCH MORE.** VISIT NOW: myshop.mahendras.com



9L of milk are drawn from a container containing 81L of milk. It is replaced by water and the process is repeated 2 times further. What is the ratio of milk to water at the end?

9 lt दूध 81 lt के शुद्ध दूध के कनस्तर से निकाला जाता है ,प्रक्रिया 3 बार की गयी नए अनुपात ज्ञात करे?

1-9261:512

2-450:243

3-512:343

4-729:512

5-NOT

 Mahendra's

ENSURE YOUR SUCCESS WITH- **VIDEO GURU**



A COMPLETE VIDEO CLASS
FOR YOUR PREPARATION

 **Subscribe**
BUTTON

BOOST YOUR PREPARATIONS WITH MAHENDRAS: **STUDY MATERIAL, E-MICA, E-NEWS, BAGS & MUCH MORE.** VISIT NOW: myshop.mahendras.c



Ram borrows Rs 4000 on simple interest from Shyam for a period of 4 years. He borrows a portion of amount at 2% interest and the remaining at 5%. If the interest Shyam earns is Rs 480, How much money did Ram borrow at 2% interest rate?

राम 4000 रुपए श्याम को साधारण ब्याज की दर से 4 वर्षों के लिए देता है ,कुछ भाग 2% तथा बचा हुआ 5% पर ,अगर ब्याज 4 वर्ष मेय 480 है तो 2% पर दिया गया पैसा बताए?

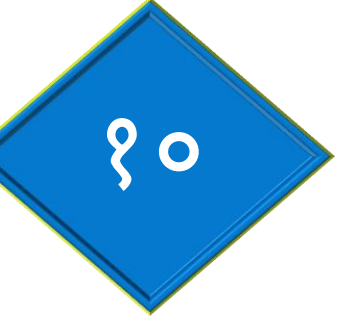
1-8000/3

2-4000/3

3-5000/7

4-7000/6

5-NOT



A milkman purchases milk at Rs 20/litre and mixes 4 litres of water in it. By selling the resultant mixture at the rate of Rs 20/litre, he earns a profit of 40%. The amount of mixture he had with him to sell was?

एक दूधवाला दूध २० रुपए /एलटी लेकर 4 पानी मिला दिया ,और मिश्रण को 20रुपए/लिटर से बेचकर 40% लाभा कमाता है तो मात्र ज्ञात करे मिश्रण की ?

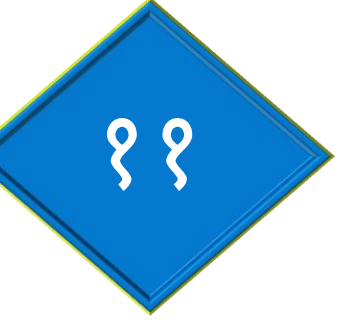
1-14

2-28

3-29

4-25

5- NOT



A mixture of milk and water in the bucket are in the ratio 7:5. If 9 lt of mixture is taken out and replaced with water now the ratio becomes 7:9, find the initial quantity of water in the bucket?

एक कनस्तर में दूध और पानी के अनुपात 7:5 है 9 ली निकाल कर उतना ही पानी मिला दिया तो नए अनुपात 7:9 हो जाते हैं तो शुरू में दूध की मात्रा ज्ञात करें?

1-14

2-28

3-29

4-25

5- NOT



TARGET



DELHI POLICE EXAM...!!

START PREPARING WITH  *Mahendra's* LIVE BATCHES

BATCH STARTS FROM

1 Aug 2019

**Delhi Police
Complete Course
₹1099**

**Delhi Police Maths
₹499**

**Delhi Police Reasoning
₹499**

**Delhi Police GK & CA
₹599**

BUY FROM

myshop.mahendras.org



ENSURE YOUR SUCCESS WITH- **VIDEO GURU**



A COMPLETE VIDEO CLASS
FOR YOUR PREPARATION

Subscribe
BUTTON



BOOST YOUR PREPARATIONS WITH MAHENDRAS: STUDY MATERIAL, E-MICA, E-NEWS, BAGS & MUCH MORE. VISIT NOW: myshop.mahendras.org

 Mahendra's

ENSURE YOUR SUCCESS WITH- **VIDEO GURU**



A COMPLETE VIDEO CLASS
FOR YOUR PREPARATION

Subscribe
BUTTON



BOOST YOUR PREPARATIONS WITH MAHENDRAS: **STUDY MATERIAL, E-MICA, E-NEWS, BAGS & MUCH MORE.** VISIT NOW: myshop.mahendras.com