



Quantitative Aptitude


MEMORY BASED

LIC ASSISTANT

PRELIMS 2019

DOWNLOAD PDF

PREPARED BY
AMBITIOUS BABA

ab  **ambitiousbaba.com**

LIC Assistant Memory Based (Quantitative

Aptitude 30/10/19

Number series

Direction (1-5):

1) 32, 39, 34, 41, ?, 63

2) 5, 6, 13, 40, 161, ?

3) 10, 40, 140, 420, 1050, ?

4) 1, 5, 14, 30, 55, 91, ?

5)

Miscellaneous

6) A can do a work in 15 days and B in 20 days. If they work on it together for 4 days, then the fraction of the work that is left is :

Ans: 8/15

$$\text{A's 1 day's work} = \frac{1}{15};$$

$$\text{B's 1 day's work} = \frac{1}{20};$$

$$\text{(A + B)'s 1 day's work} = \left(\frac{1}{15} + \frac{1}{20} \right) = \frac{7}{60}$$

Visit Online Test Series: test.ambitiousbaba.com

Follow our Blog: ambitiousbaba.com

Mail us: contact@ambitiousbaba.com

[Facebook Page](#)

[Facebook Group](#)

[Telegram Group](#)

[Telegram Channel](#)

$$(A + B)\text{'s 4 day's work} = \left(\frac{7}{60} \times 4\right) = \frac{7}{15}.$$

$$\text{Therefore, Remaining work} = \left(1 - \frac{7}{15}\right) = \frac{8}{15}.$$

7) Abhinav spends 20% of his monthly salary on house rent, 25% on food, 10% on transportation, 15% on the education of his children, and 18% on other household expenses. He saves the remaining amount of Rs. 4800 at the end of the month. What is his monthly salary?

$$\text{Monthly Salary} = \text{Total value} = 100\%$$

$$\text{Monthly Expenditure} = 20\% + 25\% + 10\% + 15\% + 18\% = 88\%$$

$$\text{Monthly Savings} = 100\% - 88\% = 12\% = 4800$$

$$\text{Monthly Salary} = 12\% = 4800$$

$$100\% = x$$

$$\text{By Cross multiplication, } x = (4800 \times 100) / 12 = \text{Rs. } 40,000$$

8) Navdeep, Rahul and Raj entered into a partnership Navdeep invested Rs. 16000 for 9 months. Rahul invested Rs. 12000 for 6 months and Raj invested Rs. 8000 for 12 months. At the end of a year there was a profit of Rs. 26000. Find the share of Rahul in the profit.

$$16000 \times 9 : 12000 \times 6 : 8000 \times 12$$

Ans: 6000

9) A boat, whose speed in 15 km/hr in still water goes 30 km downstream and comes back in a total of 4 hours 30 minutes. The speed of the stream (in km/hr) is:

Let the speed of the stream be x km/hr. Then,

$$\text{Speed downstream} = (15 + x) \text{ km/hr,}$$

$$\text{Speed upstream} = (15 - x) \text{ km/hr.}$$

$$\therefore \frac{30}{(15 + x)} + \frac{30}{(15 - x)} = 4\frac{1}{2}$$

$$\Rightarrow \frac{900}{225 - x^2} = \frac{9}{2}$$

$$\Rightarrow 9x^2 = 225$$

$$\Rightarrow x^2 = 25$$

Visit Online Test Series: test.ambitiousbaba.com

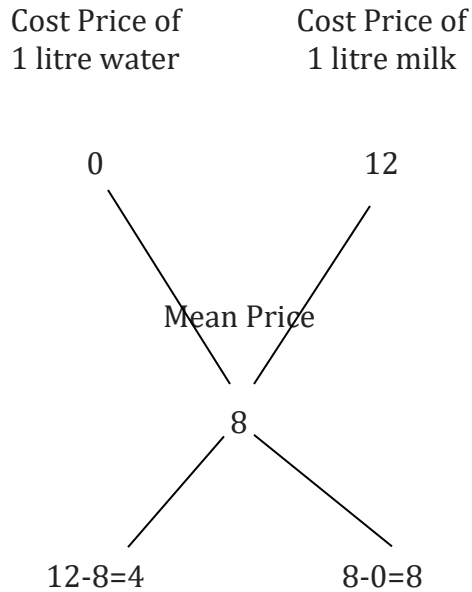
Follow our Blog: ambitiousbaba.com

Mail us: contact@ambitiousbaba.com

$$\Rightarrow x = 5 \text{ km/h}$$

10) In what ratio must water be mixed with milk costing Rs.12 per litre in order to get a mixture worth of Rs.8 per litre?

By rule of alligation,



Required Ratio = 4 : 8 = 1 : 2

Simplification

11) 37.5% of 800 - 6.25% of 1600 = ?

Ans: 200

12) 18% of 1150 + 12% of 250 - 35% of 420 = ?

Ans: 90

13) $\frac{4}{9} \times 5671 - \frac{8}{15} \times 2524 = ?$

Ans: 1176

14) $[(84)^2 \div 28 \times 12] \div 24 = 7 \times ?$

Visit Online Test Series: test.ambitiousbaba.com

Follow our Blog: ambitiousbaba.com

Mail us: contact@ambitiousbaba.com

[Facebook Page](#)

[Facebook Group](#)

[Telegram Group](#)

[Telegram Channel](#)

Ans: 18

15) $572 \div 26 \times 12 - 200 = (2)^?$

Ans: 6

16) 25% of 420 - 20% of 180 = ?

Ans: 69

17) $1827 / (63\% \text{ of } 29) - ?^2 = 0$

Ans: 10

18) $15 \times 18 + ? - 9 \times 11 = 12 \times 13$

Ans: -15

19) 16% of 1750 - 20% of 1150 = 25% of ?

Ans: 200

20) $\sqrt{?} + 18\% \text{ of } 250 - 15\% \text{ of } 960 = -25$

Ans: 5476

Data interpretation

Direction (21-25): The following line graph gives the percentage of the number of candidates who qualified an examination out of the total number of candidates who appeared for the examination over a period of seven years from 1994 to 2000.

Percentage of Candidates Qualified to Appeared in an Examination Over the Years

Visit Online Test Series: test.ambitiousbaba.com

Follow our Blog: ambitiousbaba.com

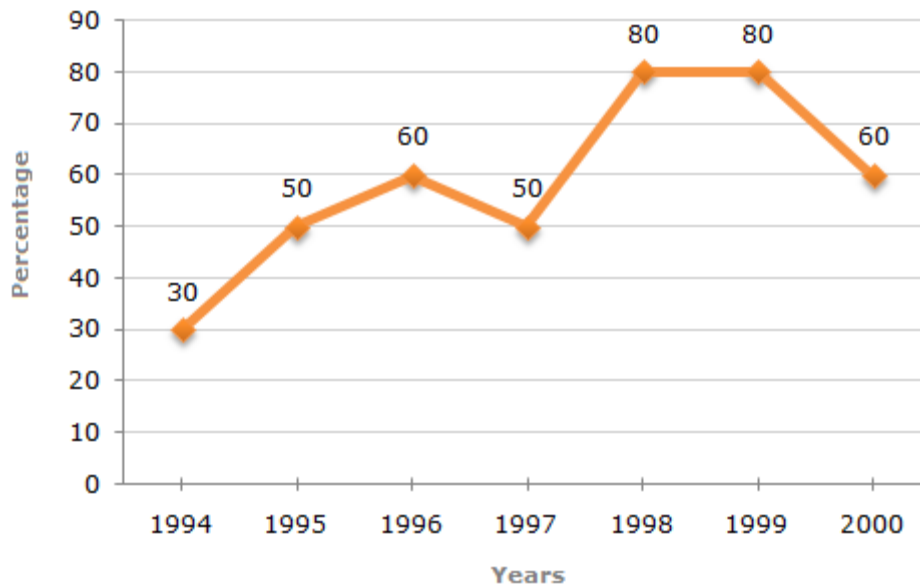
Mail us: contact@ambitiousbaba.com

[Facebook Page](#)

[Facebook Group](#)

[Telegram Group](#)

[Telegram Channel](#)



21)

The difference between the percentage of candidates qualified to appeared was maximum in which of the following pairs of years?

- A. 1994 and 1995
- B. 1997 and 1998
- C. 1998 and 1999
- D. 1999 and 2000

Explanation:

The differences between the percentages of candidates qualified to appeared for the give pairs of years are:

For 1994 and 1995 = $50 - 30 = 20$.

For 1998 and 1999 = $80 - 80 = 0$.

For 1994 and 1997 = $50 - 30 = 20$.

For 1997 and 1998 = $80 - 50 = 30$.

For 1999 and 2000 = $80 - 60 = 20$.

Thus, the maximum difference is between the years 1997 and 1998.

22)

Visit Online Test Series: test.ambitiousbaba.com

Follow our Blog: ambitiousbaba.com

Mail us: contact@ambitiousbaba.com

If the number of candidates qualified in 1998 was 21200, what was the number of candidates appeared in 1998?

- A. 32000
- B. 28500
- C. 26500
- D. 25000

The number of candidates appeared in 1998 be x .

Then, 80% of $x = 21200 \Rightarrow x = \frac{21200 \times 100}{80} = 26500$ (required number).

23) The total number of candidates qualified in 1999 and 2000 together was 33500 and the number of candidates appeared in 1999 was 26500. What was the number of candidates in 2000?

The number of candidates qualified in 1999 = (80% of 26500) = 21200.

\therefore Number of candidates qualified in 2000 = (33500 - 21200) = 12300.

Let the number of candidates appeared in 2000 be x .

Then, 60% of $x = 12300 \Rightarrow x = \left(\frac{12300 \times 100}{60} \right) = 20500$.

24) If the total number of candidates appeared in 1996 and 1997 together was 47400, then the total number of candidates qualified in these two years together was?

Ans: Data inadequate

25).....Not Remember

Miscellaneous

26) The father's age four years ago was 8 times the age of his son. At present the father's age is 4 times that of his son. Find the son's present age.

$$(4x - 4) = 8 \times (x - 4)$$

Solving it - $x = 7$ years,

27) A sum of Rs 2600 is lent out in two parts in such a way that the interest on one part at 10% for 5 years is equal to that on another at 9% for 6 years. The sum lent out at 10% is:

Visit Online Test Series: test.ambitiousbaba.com

Follow our Blog: ambitiousbaba.com

Mail us: contact@ambitiousbaba.com

Ans: 1350

28) The simple interest on a certain sum of money for three years at 8% per annum is half the compound interest on Rs 4000 for 2 years at 10% per annum. The sum placed on simple interest is:

Ans: 1650

29) A shopkeeper sells one transistor for Rs. 840 at a gain of 20% and another for Rs. 960 at a loss of 4%. His total gain or loss percent is:

$$\text{C.P. of 1st transistor} = \text{Rs. } \left(\frac{100}{120} \times 840 \right) = \text{Rs. } 700.$$

$$\text{C.P. of 2nd transistor} = \text{Rs. } \left(\frac{100}{96} \times 960 \right) = \text{Rs. } 1000$$

So, total C.P. = Rs. (700 + 1000) = Rs. 1700.

Total S.P. = Rs. (840 + 960) = Rs. 1800.

$$\therefore \text{Gain \%} = \left(\frac{100}{1700} \times 100 \right) \% = 5\frac{15}{17}\%$$

30) Rectangle or square ke perimeter ka difference 16 tha Breadth se side square ki 8 cm more tha Length or breadth ka ratio dia tha

31) Ram 8% pe 5 year ke liye invest kia fir jo amount aya use kisi ko lent kia 15% pe 2 year ke liye. Agr ram ko 2100 interest mila asked initial amount invest by ram

32) Not Remember

33) Not Remember

34,35) Not Remember

Visit Online Test Series: test.ambitiousbaba.com

Follow our Blog: ambitiousbaba.com

Mail us: contact@ambitiousbaba.com

Online Mock Test Available on App as well as [Web](#):



How to Access on App:-

1. Go to Playstore search Ambitious Baba or [Click here](#) to Install App
2. After Install Login with Google Account or Facebook Account

Related Links:

ob
**IBPS Clerk Prelims
2019-20
10 Mock Tests
Online Test Series**

- Detailed Solutions
- Bilingual
- Access on Web & App 24/7

For any Query: contact@ambitiousbaba.com

- [Hindi PDF for LIC Assistant Prelims & Mains 2019 : Download PDF](#)
- [Computer Capsule for RRB PO & Clerk Mains 2019 : Download PDF](#)
- [Quantitative Aptitude Topic-Wise Online Test Series 2019](#)
- [Hindi Practice Ebook for RRB PO & Clerk Mains 2019 : Download PDF](#)
- [Banking Awareness \(Theory+MCQ's\) Complete PDF : Download Now](#)

Online Mock Test Available on App as well as [Web](#):

2019 Preparation Kit PDF	
I challenge you will get Best Content in Our PDFs with Detail solutions and Latest Pattern	
Memory Based Puzzle E-book 2016-19 Exams Covered	Get PDF here
Caselet Data Interpretation 200 Questions	Get PDF here
Puzzle & Seating Arrangement E-Book for BANK PO MAINS (Vol-1)	Get PDF here
ARITHMETIC DATA INTERPRETATION 2019 E-book	Get PDF here
The Banking Awareness 500 MCQs E-book Bilingual (Hindi + English)	Get PDF here
High Level DATA INTERPRETATION Practice E-BOOK	Get PDF here

Visit Online Test Series: test.ambitiousbaba.com

Follow our Blog: ambitiousbaba.com

Mail us: contact@ambitiousbaba.com

[Facebook Page](#)

[Facebook Group](#)

[Telegram Group](#)

[Telegram Channel](#)

- [WhatsApp Group Join here](#)
- Telegram Group:- [Click Here](#)
- Telegram Channel: [Click here](#)
- Like & Follow our Facebook Page:- [Click here](#)
- Join our Facebook Group:- [Click Here](#)

ab Arithmetic Data Interpretation Online Test Series

- 250 Questions Covered
- 100% Detailed Solutions
- Right Approaches
- English Language Only
- Mains Level Questions
- Access on Web & App 24/7

For any Query: ambitiousbaba1@gmail.com

ab Puzzle & Seating Arrangement Online Test Series

- 300 Questions Covered
- 100% Detailed Solutions
- Right Approaches
- English Language Only
- High Level Questions
- More than 10 Type Covered
- Based on Latest Exams 2018-19

Visit Online Test Series: test.ambitiousbaba.com

Follow our Blog: ambitiousbaba.com

Mail us: contact@ambitiousbaba.com

We offers Huge range of Mock Tests for Various Government Exams

Railway Recruitment Board (RRB)

RRB NTPC 2019
Stage-1+Stage-2
COMBO

- 20 Mocks (10 Stage-1, 10 Stage-2)
- 100% Solutions
- Available on web and App 24/7
- Bilingual (Hindi+English)

mail us at: ambitiousbaba1@gmail.com
Visit: ambitiousbaba.com

Railway Recruitment Board (RRB)

RRB NTPC 2019
Stage-1
Bilingual (Hindi+English)

- 10 Mocks
- 100% Solutions
- Available on web and App 24/7

mail us at: ambitiousbaba1@gmail.com
Visit: ambitiousbaba.com

Railway Recruitment Board (RRB)

RRB NTPC 2019
Stage-2
Bilingual (Hindi+English)

- 10 Mocks
- 100% Solutions
- Available on web and App 24/7

mail us at: ambitiousbaba1@gmail.com
Visit: ambitiousbaba.com

SOUTH INDIAN Bank

Probationary CLERK
Online Test Series 2019

- 5 Mock Tests
- English Language Only
- Latest pattern Questions
- Access on Web & App 24/7

For any Query: ambitiousbaba1@gmail.com
ambitiousbaba.com

SOUTH INDIAN Bank

Probationary Officer
Online Test Series 2019

- 5 Mock Tests
- English Language Only
- Latest pattern Questions
- Access on Web & App 24/7

For any Query: ambitiousbaba1@gmail.com
ambitiousbaba.com

Banking Awareness
Online Test Series

- 750 MCQ's Covered
- 15 Mock Tests
- Detailed Explanation
- Bilingual (Hindi+English)
- Latest Pattern Questions
- Access on Web & App 24/7

For any Query: contact@ambitiousbaba.com
ambitiousbaba.com

LIC

LIC ADO 2019
Mains 2019

- 10 Mock Tests
- Bilingual (Hindi+English)
- 100% Detailed Solution
- Detailed Analysis
- Access from App & Web 24/7
- Free Financial & Insurance Awareness Capsule

Nainital Bank
PO 2019
Online Test Series

- 5 Mock Tests
- 100% Detailed Solutions
- English Language Only
- Access on Web & App 24/7
- Latest Pattern Questions

For any Query: contact@ambitiousbaba.com
ambitiousbaba.com

RRB Clerk
Prelims 2019
Online Test Series

- 10 Full Length Mocks
- Bilingual (Hindi+English)
- Latest Pattern
- 100% Detailed Solutions
- Actual IBPS Pattern
- Access on App & Web

RRB PO+ Clerk
Prelims 2019
Online Test Series

- 10 Full Length Mocks
- Bilingual (Hindi+English)
- Latest Pattern
- 100% Detailed Solutions
- Actual IBPS Pattern
- Access on App & Web

COMBO

RRB PO
Prelims 2019
Online Test Series

- 10 Full Length Mocks
- Bilingual (Hindi+English)
- Latest Pattern
- 100% Detailed Solutions
- Actual IBPS Pattern
- Access on App & Web

Puzzle & Seating Arrangement
Online Test Series

- 500 Questions Covered
- 100% Detailed Solutions
- Right Approaches
- English Language Only
- High Level Questions
- More than 10 Type Covered
- Based on Latest Exams 2018-19

Caselet Data Interpretation
Online Test Series

- 200 Questions
- 100% Detailed Solutions
- Right Approaches
- English Language Only
- High Level Questions
- New Type Covered
- Based on Latest Exams 2018-19

ambitiousbaba.com

Puzzle & Seating Arrangement
Memory Based 2017-2019
Online Test Series

- 600+ Questions Covered
- 100% Detailed Solutions
- English Language Only
- Most Important Questions
- Must Do Questions

ambitiousbaba.com

IDBI BANK

IDBI ASSISTANT MANAGER
2019
Online Test Series

- 5 Mock Tests
- Latest Pattern
- 100% Solutions
- English Language Only
- Access from App & Web 24/7

ambitiousbaba.com

30
Memory Based Paper
Online Test Series

- 30+ Banking Mock Tests
- 2017-2019 Banking Exams Covered
- English Language Only
- Access on Web & App 24/7

For any Query: ambitiousbaba1@gmail.com
ambitiousbaba.com

ARITHMETIC DATA INTERPRETATION
Online Test Series

- 200 Questions Covered
- 100% Detailed Solutions
- Right Approaches
- English Language Only
- High Level Questions
- Based on Latest Exams 2018-19

ambitiousbaba.com

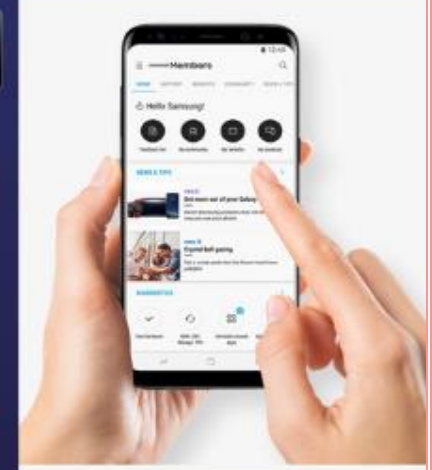
Static Awareness
Online Test Series

- 10 Mock Tests
- 1000 MCQ's Covered
- English Language Only
- Latest pattern Questions Covered
- Access on Web & App 24/7
- Covered All Competitive Exam

For any Query: ambitiousbaba1@gmail.com
ambitiousbaba.com



Ambitious Baba



Visit: test.ambitiousbaba.com

Visit: ambitiousbaba.com

Get daily job Alerts, Quizzes for Bank, SSC, Railway, Free PDF's, GA Capsule, Monthly The Hindu Review PDF, MCQ's CA PDF, One Liner PDF and many more for free....

For any Query/Doubt/ Suggestions do mail us at: contact@ambitiousbaba.com