

JobDuniya

Aptitude Papers Reasoning Questions Reasoning Paper IV Syntel

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section I: 25 questions (ENGLISH) in 15 minutes

section II: 45 questions (QUANTITATIVE) in 45 minutes

section III: 30 questions (REASONING) in 30 minutes

Section I

Few questions on finding out the segment of sentence which is wrong.

analogy.

celebrate: Marriage

ans. Lament: Bereavement

bouquet: Flowers

ans. Chain: Link

germ: Disease

ans. War: Destruction

Section II

Maximum numbers that can be formed using all the 4 digits 6 4 8 1 without repetition and which is divisible by 9 (ans none) .

Find the number of sides of a regular convex polygon whose angle is 40degrees.

$a + b + c = 0$, then roots of $ax^2 + bx + c = 0$ is

1. imag
2. real
3. coincidental
4. zero

Difference b/w the compound interest and simple interest for ₹ 2500 for 2 years is given_____. Find the rate of interest.

There was one more question on S. I and C. I

The minimum number by which 60 is to be multiplied to generate a square.

ans 15

A monkey climbs 6 mts and falls 3mts in alternate minutes. Then time taken to climb a tree 60metres high?

(This was the second last question) A bucket contains z drops. And it leaks x drops in t secs. Then the time required to empty the bucket (in minutes) ?

6 pipes fill or empty the cistern. Find the number of emptying pipes iff it takes 18hrs to fill and 18 hrs to empty_____ (don't remember the question exactly)

The largest no: Which is a factor of 1080 and 729

No: Of spheres of radius 1 that can be got from sphere of radius (or diameter don't recall)
8

(think the last but three question) Travelling at $\frac{3}{4}$ th the speed a man is 20 minutes later then speed is?

There are 6 keys and 6 locks. Then number of combinations to be tried out to get the actual solution

Choosing 2 people out of 10 in how many combinations can a particular person (some name) be always included_____

From 6 white balls and 7 black balls probability that 2 balls drawn at random are of the same color?

If a sales man gets successive gain of 15 % and 20 % then his actual gain?

ans. 38

A string of pearls such that $\frac{1}{3}$ is lost and of that $\frac{1}{4}$ th is missing, remaining is 20 then actual number of pearls? ans. 40

A man gets a gain of x % . But if he had sold at twice the cost price, what will be his gain (question not sure) ?

A clock was 7mts behind the actual time on 3 p. m. On wednesday and 8 mts ahead of actual time on (not sure) 4 p. m. Friday. When will it show the correct time?

Boat moves upstream in 6 hrs and covers the same distance downstream in 5 hrs. Then speed of a raft floating (accuracy of question not sure) ?

(this was the last question) no idea what it stands for_____some kind of notation like SP (M ((D (a, b) , 2))) : P (M (S (D (a, b) ,))) options were

If x men working x hrs per day can do x units of work in x days, then y men working y hrs/day would be able to complete how many units of work i y days?

ans. y^3/x^2 question in [Examrace Placement Series](#)

This was a question in the first page of the section II booklet a cone with radius _____ and height ... a hemisphere covers the cone such that base of hemisphere meets that of the cone. Then the enclosed volume _____ (₹ Agarwal consists of similar questions)

There was one more question on volume and surface area _____

1 ₹ 50 ps, 25 ps coins are in the ratio _____, then the number of 50 ps coins if they sum to ... ₹ (similar question in R. S. Agarwal) .

There was one more question on coins i.e., abt getting a change of 10ps and 25 coins for _____ Rs (how many possible combinations or so possible) .

$x/y + y/x = \frac{40}{21}$ (don't remember the exact value, believe this is the one) find x and y there were 2 questions on train and one was like:

A goods train starts and after 2 hrs a passenger train at 4km/hr starts and overtakes the goods train after 4 hrs, then the speed of goods train?

15 hrs of boys work = 6 hrs of women's work. $\frac{3}{5}$ of the work is done by _____ boys and ... women. How much time would be the question?

figure was given a square with four corners shaded and asked to find the area of the shaded portion _____ i.e., area of square - area of the regular octagon ...

Section III

There were 3 questions based on an argument given ... Questions were to find out which statement in the objectives given could strengthen the argument or to weaken the argument _____

Blood relationship question (i remember all the statements given, though not the question) 10 people in a family A B C are husbands D E F are wives altogether there are only 4 women. Each family can have atmost 2 children and C has atleast 1 child. D and G are related to A, E cannot be related to H and I and J are not related _____

This consists of the most confusing set of questions a set of statements are given and then questions were asked, the statements were like All A B C D E F are Q's All A's are B's _____

Alice works on Monday, Wednesday and Friday

B does not work on Wed

C works only on Tuesday and someotherday

D does not work on Friday

E works on all days except on the first Monday and Thursday then questions like who all will be available on which days _____

first question abt 4 buses with different seating capacity. And different charges. And questions were to find out the minimum number of trips required, the maximum charge, the second highest charge etc _____

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