

Exam Analysis - Aptitude Test (AT) : IIM Indore - IPM 2015 May 15, 2015

We are pleased to present the detailed analysis of the Aptitude Test held on **May 15, 2015** for admissions into the Five years **Integrated Program in Management at IIM Indore**, at various centres all over India.

As declared earlier, the test was divided in two sections viz. Quantitative Ability and Verbal Ability. Pattern of exam did not change significantly in the Quantative Section, with a lot of higher maths type questions being asked. Verbal Ability section was very manageable, and the well-prepared student could crack it totally. This year a carbon copy of OMR sheet was also given to the students - transparency, ahoy!

The sectionwise break-up of the test was as follows -

Section		No. of Questions	Total Marks	Difficulty Level	Suggested Time	Ideal Attempts
I	Quantitative Ability	60	240	Difficult	85 min.	30-33
II	Verbal Ability	40	160	Easy to Moderate	35 min.	34-36
Total		100	400			61+

Bird's Eye View

- Total Number of Questions** : 100
- Total Time** : 120 minutes
- The Marking Scheme** : Four marks for each question attempted correctly
- Negative Marking Scheme** : Penalty of one mark for each wrong question
- Number of Options per Q.** : 4
- Number of Sets** : Four

The IIM Indore stuck to the pattern it had specified beforehand. The number of questions on Higher Maths increased in comparison to the previous year which might have hurt the unprepared student. Data Interpretation was manageable but 2 out of 3 sets in LR were extremely tough. Data Sufficiency was absent. Overall, it can be said that this year the test was more balanced than it was in 2014.

SECTION I
QUANTITATIVE ABILITY (60 Q.)

The detailed analysis is as follows

Questions in this section were based on various topics like Logarithms, Sequences & Series, Inequalities, Quadratic equations, Algebra etc. Most of the questions were Moderate to Difficult and were time consuming. Details of the section are:

Topic	Number of Questions	Difficulty level
Trigonometry / Height and Distance	2	Moderate
Logarithm	2	Moderate to Difficult
Probability	2	Easy to Moderate
Permutation and Combination	2-3	Moderate
Number Systems	12	Moderate
3D Geometry	2	Easy
Function and Relation, Graphs	3-4	Easy to Moderate
Profit and Loss	1-2	Easy to Moderate
Ratio and Proportion	1-2	Easy to Moderate
Geometry, Mensuration etc.	3-4	Moderate to Difficult
Set Theory	6-7	Moderate to Difficult
Percentage	4	Moderate
Linear equation, Quadratic equations	4-5	Easy to Moderate
Straight lines	1-2	Moderate
Sequence and Series (AP, GP, HP)	6-7	Moderate
Time, Speed and Distance, Races	4-5	Easy to Moderate
Misc, Pie Chart	4-5	Difficult
LR Set/Circular Arrangement	3 Set	Difficult

Ideal attempts in this section should be 30+.

SECTION II
VERBAL ABILITY (40 Q.)

The questions were based on vocabulary, grammar, paragraph formation and RC. There were two reading comprehensions with a total of 8 questions based on them. Apart from this, questions based on correct usage of words also were asked. Details are:

Topic	Number of Questions	Difficulty level
RC (2 passages)	8	Moderate to Difficult
Parajumble	3	Moderate
Fill in the blanks, Grammar	10	Moderate
Synonym, Antonyms	6	Moderate to Difficult
Verbal Analogies	2	Easy to Moderate
Word usage	5	Moderate
Para completion	2	Moderate
Sentence Correction	4	Moderate

One should have easily attempted at least 30 questions in this section.

Overall Cut-Off – An ideal attempt in this test should be 62 questions with at least 85% accuracy. Hence, an ideal score should be 200 + to get a call for PI.

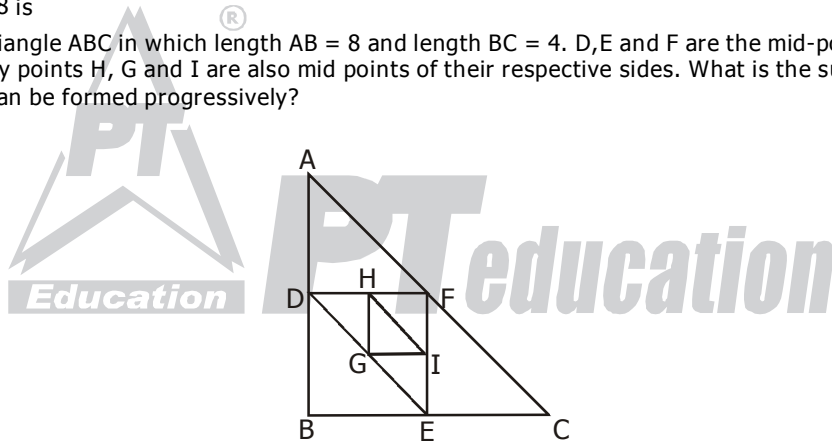
All the Best!

SOME MEMORY BASED QUESTIONS

1. Sum of the series $\frac{1}{1} + \frac{1}{3} + \frac{1}{6} + \frac{1}{10} + \frac{1}{15} + \dots$

2. The value of $\log_{81} 108$ is

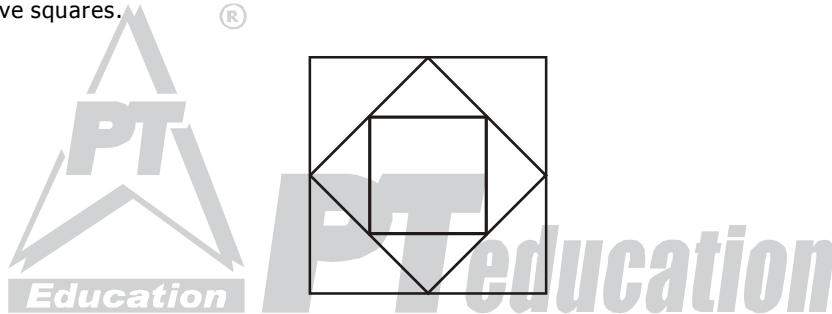
3. Given right angled triangle ABC in which length AB = 8 and length BC = 4. D, E and F are the mid-points of sides AB, BC and AC respectively. Similarly points H, G and I are also mid points of their respective sides. What is the summation of the areas of all such triangles that can be formed progressively?



4. How many perfect square factors are there for 1024?

5. How many triangle can be formed from 15 points out of which 9 points are collinear?

6. What would be the ratio of the areas of the biggest square to the 10th square that can be formed by joining the mid points of the sides of the successive squares.



7. In an A.P. $S_n = P$, $S_{2n} = 2P$ then what is the the value of S_{3n} ?

8. Given a right angled triangle in which the sides are in AP and one of the sides is 9 cm. What is the length of the hypotenuse?

