

ICFAI Business School Admission Test (IBSAT)

December 17, 2006

Bird's Eye View

We are please to present you the detailed analysis of ICFAI Business School Admission Test (IBSAT) held on 17th December 2006. At the end of the test, after submitting the test booklets, answer sheets and leaving the test rooms, students were wishing Best of Luck to each other. Yes, it were for the next SNAP Test.

IBSAT didn't break the hearts of students, who had hopes to see an test easy. Students were happy and most students were even not discussing the test. They were in hurry to take lunch and to reach the SNAP test centres. Although some smart students were discussing about scope of cheating in the test as there were only one set of test available at the test centres. This was the area, where we think, IBSAT should improve.

IBSAT 2006 was easy and on traditional lines. There were no surprises in the test, comparing with the last year's IBSAT. Most of the questions were looking like the questions of PINNACLE VITAL material. Total number of questions asked were 225, which were divided in four sections with sectional time limits. The total time allowed to solve the paper was 180 minutes. The four sections were Quantitative Aptitude (QA), Verbal Ability (VA), Logical Reasoning (LR) and Reading Comprehension (RC). There were 85, 70, 45 and 25 questions on these areas respectively to be solved in time limits of 75, 85, 45 and 25 minutes each.

It was clearly written in the instructions that "different questions can carry different marks" but the pattern was not declared. The negative marking was one-fourth of each questions weightage. There were four answer choices given for the questions. A bird's eye view of the test is given as follows.

Total Number of Questions	: 225
Total Time	: 180 minutes
The Marking Scheme	: Not Specified (it was clearly mentioned in the directions that some questions have a different marks, the pattern for which was not disclosed) One-Fourth Negative Marking.
Number of Options	: 4
Sectional Break-up	:

Section	Topic/Area	Number of Questions	Time Alloted for the Section	Remarks
I	Quantitative Aptitude	85	75 Min.	Most of the questions easy and from Arithmetic. Some questions were on Higher Maths Topics. Questions from DI and DS were also included in this section
II	Verbal Ability	70	35 Min.	Questions were easy to moderate level of difficulty
III	Logical Reasoning	45	45 Min.	Apart from the ten Statement-Assertion-Assumption questions, rest questions were easy.
IV	Reading Comprehension	25	25 Min.	Three passages among the four passages asked were easy.
	Total	225	180 Min.	--

Disclaimer: All this information has been memorised by PT students. We are merely reproducing it here in fragments to ensure that the huge community of students eagerly waiting to see an objective comparison of their performance gets the right picture.

Detailed Analysis

Section I

Quantitative Aptitude

Number of Questions: 85

Time Allotted: 75 minutes

This section was the biggest section of the paper. There were 85 questions in this section, to be solved in the time span of 75 minutes. The section was easy. There were questions from Arithmetic, Modern and Higher Maths in this section. The topics covered were Numbers, Averages, Percentages, SI and CI, Profit and Loss, Work and Time, Ratio and Proportion, Discounts, Partnerships, Stocks and Shares, Two and Three Dimensional Mensuration, Plane Geometry, Permutation and Combinations, Probability, Logarithm, Coordinate Geometry, Mixtures and Trigonometry.

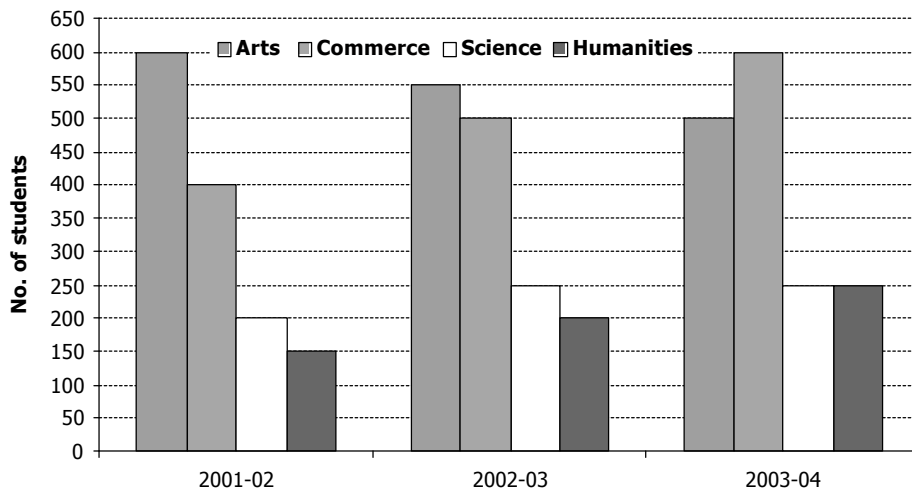
The questions on Data Interpretation (DI) and Data Sufficiency (DS) were also the part of this section. There were fourteen questions on DI, which were based on Pie Chart, Bar Graph, Line Graph and Tables. There fifteen questions on four option DS. A bird's eye view of the section is as follows

Topic	Number of Questions	Topic	Number of Questions
Numbers	9	Coordinate Geometry	6
Profit and Loss	2	Trigonometry	4
Percentages, Averages	3	Logarithm	3
SI and CI	2	Mixtures	1
Permutation and Combination, Probability	3	Stocks and Shares	1
Work and Time, Pipes and Cisterns	1	Partnerships	1
Mensuration 2D + 3D	4 + 4	Sets	1
Plane Geometry	7	Data Interpretation	14
Ratio and Proportion	2	Data Sufficiency	15
Discount	2		

We have reproduced some of the questions which are as follows.

- $\log 3/5 + \log 5/30 + \log 12$
- How many iron rods of 7 m in length and 2 cm in diameter can be made with 0.88 cubic cm of iron.
- In a group of 120 people, 20% know English, 20% know Hindi, 10% know both English and Hindi. How many students know either English or Hindi?
- If one of the angles is 36 less than twice the smallest angle, then the largest angle of the polygon is
- $(\sin x + \sin 3x + \sin 5x + \sin 7x)/(\cos 3x + \cos 5x + \cos 7x)$
- If $\cot x + \operatorname{cosec} x = 5$, then $\cos x = ?$
- If $2^x = 5^y = 80^z$, $z, y = ?$
- Mahinder's age is one-sixth of his father's age. His father's age will be twice as Kamala's age 10 years after. If Kamala born 2 years before, then the age of Mahinder is
- What will be the Compound Interest on Rs. 5000/- for three years, by taking interest rates for first, second and third years, 8%, 10% and 12% respectively?
- The highest power of 4 which can divide 80!.
- In a square garden of side 100 feet there are a circular flower bed between the garden. If the area of the garden excluding the flower bed is 8614 square feet, then what is the area of the flower bed?
- Two circles are touching each other. The total area of both the circles is 130π . If the distance between the midpoints of the circles is 14 cm, then radii of both the circles is
- The two parallel side AB and CD of a trapezium are perpendicular to side BC. If $CD = 8$ and $AD = 17$, then the area of the trapezium is
- Which discount on Rs. 20, 000 will better
a) three successive discounts of 20%, 20%, and 10%. b) three successive discounts of 40%, 5% and 5%.
- What will be the median of a triangle with coordinates (2, 5), (-4, 9) and (-2, 4)?
- A alone can do a work in 12 days, B alone can do it in 15. A worked for 3 days and then B joins him. In how many days they will finish the remaining work?

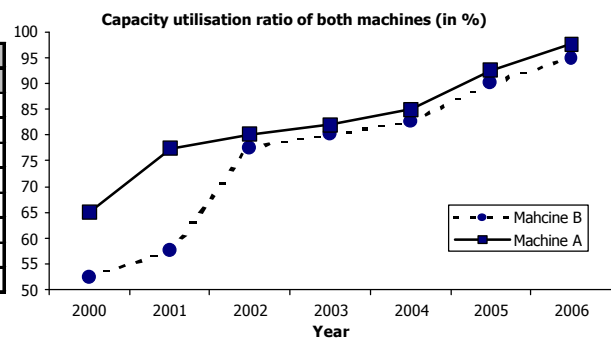
17. 15 men can do a work in 21 days working 8 hours per day. In how many days 21 women will complete the work, working 6 hours per day. Given 3 women's work is equal to 2 men's work.
18. Amit borrowed Rs. 20,000 from two money lenders for one loan the rate of interest was 12% and for the other 14% per annum. After one year; he paid Rs. 2560/- as interest. How much did he borrowed at each rate respectively?
19. The bar graph below represents the total strength of class XII students of various streams for the years 200-2004



How many times is the total strength of students to the strength of science students in 2002-03?

- (a) 3 times (b) 4 times (c) 5 times (d) 6 times

Capacity of Machine (Maximum number of units that can be produced in a year) (in crores)		
Year	Machine A	Machine B
2000	14	39
2001	16	45
2002	19	47
2003	23	51
2004	27	55
2005	31	68
2006	40	71



20.

What was the production of machine A in year 2003 (in crore units)?

- (a) 14.63 (b) 17.63 (c) 19.96 (d) 18.63

DIRECTIONS: From the question numbers 61 to 71 certain tables are given. Read the tables carefully and answer the questions from the four alternatives given below the question.

21. Study the table carefully and answer the following questions:

Country	Recoverable Granite Reserves (in billion square metres)	Cumulative production between 1995-2005 as % of reserves
China	140	20
Australia	125	18
India	36	10
Russia	24	8
Poland	32	12
South Africa	12	6

Assuming a uniform production rate, the average annual production of Australia between 1995-2005 will be approximately how much in billion square metres of Granite equivalent?

- (a) 1.75 (b) 2.25 (c) 0.50 (d) 1.85

22. The following table shows the production of different types of four-wheelers for 5 successive years.

Year ®	1998	1997	1196	1995	1994
Types -					
A	42	38	35	37.5	32
B	36	36	33.5	32.5	28.5
C	50	48	49	50.5	47.5
D	26	29	30	31	32.5
E	108	100	85	75	64.5
F	68	64	60	58	55

What is the approximate percentage increase in the total production of all types of four-wheelers in 1997 in comparison to 1994?

- (a) 50% (b) 21% (c) 33% (d) 42%

23. The following table gives the growth of regular monthly investments at 7% return, compounded monthly.

Number of Years	Monthly Investment			
	50	100	250	500
2	1292	2583	6458	12915
5	3601	7201	18003	36005
10	8705	17409	43524	87047
20	26198	52397	130991	261983

How much less is earned of Rs.500 monthly investment for 10 years, than Rs.250 monthly investment for 20 years?

- (a) Rs.43,944 (b) Rs.18,003 (c) Rs.36,005 (d) Rs.7,201

24. The below diagram shows number of students passed in 1st, 2nd and 3rd class and number of students failed in the yearly exam conducted by BNS University.

Fail	779	987	555	662	691	673
IIIrd Class	662	581	554	538	589	483
IIInd Class	1122	1285	1174	1326	1364	1427
Ist Class	803	912	872	779	987	885

In the year 2005, 600 students took re-exam and 775 students appear for improvement exam. 2 months after the main exam out of these 600 students who had appeared for re-exam 44% passed and out of 775 student who had appeared for improvement examination, 567 could improve, If the result are updated, what is the pass percentage?

Note: In the above diagram the data pertains to main examination for the year 2005.

- (a) 86.20 (b) 88.20 (c) 89.20 (d) 87.20

On an average 1.5 minute were required to solve a questions. According to this calculation a well prepared student can attempt 45-50 questions with 90-95%.

Section II
Verbal Ability
Number of Questions: 70
Time Allotted: 35 minutes

In this section there were 70 questions to be solved in the time span of 35 minutes. There were questions on Synonyms, Antonyms, Analogies, One word Substitution, Sentence Correction, Fill in the blanks, Para Jumble, Choose the most acceptable and effective sentence, replace the bold-italic part with more appropriate. The questions were manageable. A bird's eye view of the section is as follows. There were ten questions each on Synonyms, Antonyms, One word Substitution and Analogies, 5 each on Most acceptable and effective statement, Sentence correction and Para Jumble and 8 and 7 questions on Fill in the blanks and Replace the bold-italic part with appropriate one respectively.

Topic	Number of Questions
Synonyms	10
Antonyms	10
One word substitution	10
Analogies	10
Most acceptable and effective statement	5
Sentence Correction	5
Fill In the Blanks	8
Para Jumble	5
Replace the bold-italic part with appropriate one	7

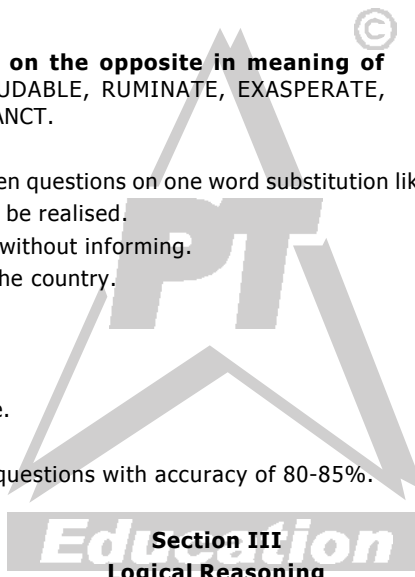
SYNONYMS: There were ten questions on the similar meaning of words like ZANY, BUCCANEER, DIPSOMANIA, OBVIATE, AESTHETIC, COUNTERFEIT, PLACID, ADDLE, ENTENTE and AMIABLE.

ANTONYMS: There were ten questions on the opposite in meaning of words like IGNOMINY, PRECARIUM, INAUDABLE, RUMINATE, EXASPERATE, POLEMIC, TRANSIENT, METTLE and SACROSANCT.

ONE WORD SUBSTITUTION: There were ten questions on one word substitution like:

1. A false hope or illusion which can never be realised.
2. One person who absent from any place without informing.
3. A person or group of peoples who left the country.
4. One who kill the king.
5. One who is against the religion.
6. One who believes in ideal world.
7. One who is hard to convince and please.

A well prepared student can attempt 45-50 questions with accuracy of 80-85%.



Section III
Logical Reasoning
Number of Questions: 45
Time Allotted: 45 minutes

This was the easiest section of the paper. In LR Section there were 45 questions to be solved in the time span of 45 minutes. There were five questions on Direction Sense, four questions on Coding and Decoding, nine questions on Blood Relations, thirteen questions on numerical series, ten questions on Concluding Assertion, Supporting Statement, Irrelevant Statement, Counter Agreement and four questions on Numerical-Verbal analogies. A bird's eye view of the sections is as follows

Topic	Number of Questions
Direction Sense	5
Coding and Decoding	4
Blood Relation	9
Series	13
Concluding Assertion, Supporting Statement, Irrelevant Statement, Counter Agreement	10
Numerical - Verbal Analogies	4

Apart from the ten questions on Counter Agreement.... all other questions were easily solvable in the time span of 30 minutes at most. A well prepared student can attempt 35+ questions with accuracy more than 98% in this section. We have produced some of the questions which are as follows.

DIRECTIONS: Complete the series given.

1. 135, 120, 117, 108, 99, ?
2. 8, 10, 9, 11, 10, 12, ?
3. 4, 8, 32, 64, 256, ?, 2048, 4096
4. 2, 6, 24, 120, 720
5. 1, 3, 8, 15, 24, ?, 48
6. 9, 10, 12, 15, 18, ?, 21, 22, 24, 27
7. 90, 100, 132, 156, ?
8. 3, 4, 5, 5, 12, 13, 7, 24, 25, 8, 15, ?, 5
9. 2, 6, 12, 3, 9, 27, 4, 12, ?
10. 5, ?, 17, 44, 125, 368
11. 121, 246, 125, 254, 129, 262, ?
12. 14, 21, 35, 49, ?, 91
13. 1, 4, 9, 16, 25, ?

DIRECTIONS : Every question has 4 statements. You are required to mark each statement as A (Concluding assertion), B (Supporting statement), C (Irrelevant statement) or D (Counter argument), based on the following definitions.

- 1. A concluding assertion is a point of view.**
 - 2. A supporting statement is that which strengthens the argument.**
 - 3. An irrelevant statement is that which is not related to the subject matter.**
 - 4. Counter argument opposes the assertion.**
14.
 1. Art and religion emerged hand in hand from the recesses of pre-history.
 2. For many centuries they seemed to remain inseparable.
 3. Art is free and independent, individualistic in its origins and deeming to express nothing beyond the artist's own personality.
 4. Many thinkers believe that art cannot be defined.

(a) BCAD	(b) ABDC	(c) DCBA	(d) CDAB
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 15.
 1. Confidence needs to be built from within, it cannot be administered.
 2. Aiming for success builds confidence in us.
 3. Confidence is a virtue that reflects one's inner strength and one's capacity to strike a balance with oneself.
 4. At times external sources are indispensable for re-assurance.

(a) DBAC	(b) ACBD	(c) BCDA	(d) CDBA
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 16.
 1. Most people would agree that old buildings represent a valuable record of any society's past.
 2. Old buildings are benchmarks for the modern buildings.
 3. Old buildings are the reflections of the countries culture and its elegance.
 4. Modern development should be given precedence over the preservation of historic buildings so that contemporary needs can be better served.

(a) ACDB	(b) CBDA	(c) ACBD	(d) CBAD
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 17.
 1. One does not have to struggle to develop inborn talents as they are naturally illustrated.
 2. Most of the prominent personalities in various fields are famous because of their inborn talents.
 3. Inborn talents when developed fructify more than acquired ones.
 4. There is not a single impossibility in this world which when diligently worked on does not bring forth fruition.

(a) BDAC	(b) CADB	(c) DCBA	(d) DBAC
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 - 18.1.
 1. Now-a-days people prefer to carry various types of cards - like debit card, credit card etc.
 2. Using plastic money for making payments is much more convenient than other modes of payment.
 3. Magnitude of risk is high in using some of these cards.
 4. Various banks are providing personal loans to their customers using credit or debit cards.

(a) CDBA	(b) DABC	(c) ABDC	(d) CADB
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 19.
 1. The government is making all possible efforts to provide free education for all.
 2. Primary education is fast going out of reach of the masses.
 3. A nation's destiny is shaped in the classroom.
 4. Corporate schools have rendered primary education prohibitively expensive.

(a) BDCA	(b) DACB	(c) ADCB	(d) ACDB
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20. 1. Laws should be stationary and fixed.
 2. Indian laws are fixed and in a way are practical enough for smooth running of the country.
 3. Laws should be flexible enough to take account of various circumstances, times and places.
 4. Laws should empower the people with freedom — freedom where people can voice their concerns.
 (a) ABDC (b) DCBA (c) BACD (d) ADBC
21. 1. Life is a series of challenges to be met and mustered.
 2. Every occupation is encountered by new and different challenges and the spice of life lies in overcoming them.
 3. Challenges are faced occasionally and life is a bigger sea with mysteries and innovations.
 4. Courage is the most sought after characteristic to face life.
 (a) ACDB (b) ABDC (c) DBCA (d) BDAC
22. 1. Predictions of future help to take precautions and avoid an unwanted situation.
 2. Fate plays a predominant role in human life and none can escape the wrath.
 3. Most people take undue advantage by fooling people under the pretext of predicting future, thereby garnering wealth.
 4. Major geographical disasters are controlled based on the predictions made about the forthcoming calamities.
 (a) DCBA (b) CBAD (c) ADCB (d) BDAC
23. 1. The US attack on Iraq was meant to restore democracy in the country.
 2. The US is committed to eliminating terrorism from the world.
 3. Terrorists in certain Third World countries receive financial and technological aid from US.
 4. US is active in cooperating with less developed countries in their fight against terrorism.
 (a) CDAB (b) BCAD (c) CADB (d) BCDA

DIRECTIONS : For the following questions four options are given. Choose the correct option.

24. CMR: 165 :: FCT : ?
 25. B2Z : 413 :: ? : 68
 26. 32 : 512 :: 42 : ?
 27. 10: 144 :: ? : 192

Section IV
Reading Comprehension
Number of Questions: 25
Time Allotted: 25 minutes

There were 25 questions to be solved in a time span of 25 minutes in this section. There were four RC passages of lengths of approximately 220, 300, 180 and 380 words. The themes of the passages were on Imperialism, Poverty and Civilisation. Excluding the last RC passage (380 words) all other were easy.

RC Passage	Theme	Number of Questions	Length	Difficulty Level
I	Imperialism	7	220 words	Easy
II	Poverty	6	300 words	Moderate
III	Civilisation	6	180 words	Easy
IV	--	6	380 words	Moderate

One could attempt 15 questions of this section with reasonable accuracy.