

IBM PAPER ON 10th OCTOBER AT BANGALORE

SECTION-1 [matrix test] 15 question – 13 min.[No negative marks for this section]

SECTION-2 [Number series test] 20 question 4 min. 15 mins

mathematical[Negative marking(1/4) is there for this section.] SECTION-

3[Analytical type (Apti)]12 question 15 min.[Negative marking(1/4) is there for this section.]

1.WRITTEN TEST:

This is the new pattern of IBM. this new pattern has been implemented. it contains 3 sections.

SECTION 1, some information is given in the form of matrices, with headings for rows as row1,row2 Etc.For columns with headings as column1,column 2.... Etc.those matrices r as follows.

Column1 column2 column3 column4

Row1 @ * 2 Z

Row2 S K ? \$

Row3 I P Z +

Row4 # 8 F Q

Questions r as follows (not same questions but same type)

1.if column1 , Column 4 r interchanged and row3 , row4 r interchanged and diagonal elements from top left to bottom right r written in reverse order then what is the element in row1 and column 1?

2.if Z's in odd numbered rows r replced with 7's and S's in odd numbered columns r replaced with 5's then which column elements sum equals to 9?

3.After giving similar type of conditions , what is the element left to H?

In this section they gave around 4 matrices of this type and gave some questions for each matrix.

Total No. of Questions r 15. these r multiple choice questions.5 answers were given for each question. No negative marks for this section. Time Limit is 13 minutes.

SECTION-2

All questions in this section r from number series. Total number of questions r 20.time limit is 4 minutes.these r also multiple choice questions(5 options).Negative marking(1/4) is there for this section.

2. NUMBER SERIES (20 qs -4 mins-20 marks- negative 1/4)

simple but v shud b very quick....time is very very very imp 4this section frnds dont get confused really very simple section and 1more thing is the invigilaor signals time 4 every 30 secs dont feel tensewth tht just go wth ur work..

EX: 17,18,19,34,35,19,20,___

Ans....21

EX: 22,21,34,33,45,_____

Ans.....44

EX: 40,42,4241,41,,42,44,44,_____

Ans.....44

SECTION-3

Negative marking($\frac{1}{4}$) is there for this section.

Analytical type Questions . this section is little bit tough.u must have practice to do this section.questions 12.time 15 minutes.Negative marking($\frac{1}{4}$) is there for this section.

1. If a company produces 15 different model of tv sets of 2 inches screen and 4 different model of 4 inches screen size. Then how many model should vendor has for all the model so that all models will displayed in the showroom
2. If a team consists 20 members in which 20% are mathematician then how many member should they hire sothat the ratio would become 10/11.
(Similar Question) 20% of 30 professional r mathematician how many mathematician it should hire so the ratio vll become 10/11
3. The rate of color toner increases \$33 to \$35 and rate of black&white toner increases \$28 to \$29. If company spends \$1540 in which $\frac{3}{5}$ is color toner then how much is total expenditure increases after the cost hike.
4. A computer shop consists 3 brand's alptop .Laptop of brand A is sold $\frac{3}{16}$, B is sold $\frac{1}{16}$ and c is sold $\frac{3}{4}$ then what fraction is sold by the shop in all.
5. Printer A prints 8192 character per min and printer B prints 13862 character per min four character are equal to one word. Printer A starts at 7:15 am while Printer B starts at 7:29 am then at what time both will have same no of words printed.
6. In a library there are 5 cluster and each is having 44 books(module). In first weak 75 books are used, in second 95, in third 95 and in fourth 160 books are used.then tell how much fraction of books are used.
7. We have 171 kg rice custing 7 rs/kg.we have rice at 11 rs/kg and 2 rs/kg .then after mixing 11 rs/kg and 2 rs/kg rice. What is quantity of 11 rs/kg rice.
8. Rectangular room has width half of its length. When 6 is decreased from both length and width then its area is differed by 108 so find the width.
9. Company A taken a truck on rent of \$1280 per month another company B bought the truck in \$40000 and send \$120 per month. After 4 years what will be the difference in the amount spent by the both companies on the TRUCK.
10. In a company printing work is done by two machine 5% of the work done by machine A are wasted , and 40% of work done by machine B are wasted. if the 80% of the total work is done by machine A. then what is the total percentage of wastage.

Here GD/Extempore was been conducted. around 2000 ppl attended.. but only 154 got through finally..

IBM PAPER ON 21st SEPTEMBER 2008 AT MADHURAI

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Here no GD was been conducted directly they switched to the Communication Test :-

Detail about IBM Voice/Communication test

First they'll conduct a written test of 10 mins and 15 questions of simple english.

It contains about . . articles, arranging the senteces in right order and finding errors in the sentences.

Then after that they will give you the cell phone and . . you have to make a call to the given no. then enter your TIN(Test Identification No.) provided by them

This is the most important round and the most of the guys had been eliminated from this round only.Be careful and sit at the place where the external noise inference is too less.

1st round - "Read the sentences"

u'll be given a paper which contain 10-12 sentences in english.
u'll be asked to read the sentences like "Read the sentence no 6..."
there will be 8-9 sentences to read. (easiest round)

2nd round - "Repeat the sentences"

The server will say some sentences and u have to repeat them.
The sentences will be in different voices, speed, accent (easy one) Every time when you move ahead . . the length of the sentences increasing so be careful and attentive.

3rd round - "Make senetence from Jumble words"

The server will pronounce some jumbled words and u have to make senetence from that
U can't add ur own words/articals/adjectives and all to make the sentences. u have to useonly the senetences pronounced by the server. (it would be a normal used sentences like - "eat i daily mango" (Most difficult among all)

4th round - "one word answer"

The server will ask question which u have to reply in one word.

Like... what is the color of milk?

What is frozen water called? (ICE)

Which is faster:cat or worm? (CAT)

Which is thinner:finger or leg? (FINGER)

how many weeks r there in a year? (52)

how many minutes r there in 1 and a half hr? (90)

What do u wear when u go out in cold:sweater or shirt? (SWEATER)

How many eggs are there in a dozen? (12)

If you are going out for lunch with your mother,who are you:daughter or sister?
(DAUGHTER)

Which is smaller castle or cottage? (COTTAGE)

Afternoon comes before or after lunch? (BEFORE)

trees have more no. of branches or trunks? (BRANCHES)

how many months are there in two years? (24)

U see with ur eyes or ears? (EYES)

the whole process will take 10-12 min. The accent will be of US, UK , Australia . The problem people face is understanding the sentences. The questions are very easy to answer but u have to catch what the server is saying.

The the interview . .for the name sake only . .They will ask you only .. that HR questions.

Best of Luck . . to you all !!

IBM PAPER ON 18th SEPTEMBER AT BHOPAL

The pattern was

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4 A computer shop consists 3 brand's alptop .Laptop of brand A is sold $\frac{3}{16}$, B is sold $\frac{1}{16}$ and c is sold $\frac{3}{4}$ then what fraction is sold by the shop in all.

Ans $\frac{1}{16}$

5 Printer A prints 8192 character per min and printer B prints 13862 character per min four character are equal to one word. Printer A starts at 7:15 am while Printer B starts at 7:29 am then at what time both will have same no of words printed

6 In a library there are 5 cluster and each is having 44 books(module). In first weak 75 books are used, in second 95, in third 95 and in fourth 160 books are used.then tell how much fraction of books are used

7 We have 171 kg rice custing 7 rs/kg.we have rice at 11 rs/kg and 2 rs/kg .then after mixing 11 rs/kg and 2 rs/kg rice. What is quantity of 11 rs/kg rice ..

Ans 76.00

8 rectangular room has width half of its length. When 6 is decreased from both length and width then its area is differed by 108 so find the width.

Ans $l = 8$

$W = 4$

9 rectangular room has width twice of its length. When 6 is decreased from both length and width then its area is differed by 108 so find the width.

$L = 4$

$W = 8$

Then GD

Gd topic r :should er. Go to out side India.
money is irresponsible.
exercise is good for health. brain and drain.
primary education. Is better than Higher education.

Nuclear deal

only check communication skills

Then communication test

Detail about IBM Voice/Communication test u will be given cell phone and u have to dial the server no. the details regarding this will be communicated to u at the time of test. once u connected to the server there will be five round to check ur Voice/communication.

1st round - "Read the sentences"

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4th round - "one word answer"

The server will ask question which u have to reply in one word.

Like... what is the color of milk?

5th Round - "Answer in detail"

The server will ask discriptive question like "What will u do if become the primeminister"

the whole process will take 10-12 min. The accent will be of US, UK, Australia. The problem people face is understanding the sentences. The questions are very easy to answer but u have to catch what the server is saying.

Tech and HR round

DBMS:

normalisation difference between DBMS & RDBMS primary, secondary oreign, unique key Difference between primary & unique key

Data structure:

bubble sort difference between stack & queue

C++:

what is OOPS ?

characteristics encapsulation, dynamic binding with examples inheritance

difference between multiple & multilevel inheritance

virtual function

inline function

abstract & friend class

Java: final class

swing

frame

layouts

advantage of java

interface

why java is platform independent.

write a program in java to print the odd no. between 1 to 100?

Operating system:

Memory management, thrashing

Diff. Process and thread

different types of scheduling

explanation of round robin scheduling

deadlock, starvation, avoidance, prevention etc.

Networking:

different types of topology

difference between TCP/IP and OSI

IBM PAPER ON 6th AUGUST 2007

Hi folks,

I am Arnab Mandal, a student of final year BE (IT) and a fresh IBMer. I would like to share my experience with you. On 6th August, 2007 IBM visited our campus (Bengal Engineering and Science University, Shibpur) to recruit for GBS. The programme started with a nice PPT followed by the written test, GD and PI.

WRITTEN TEST

1. Data Matrices-

3 data matrices

5 questions from each

Submit your resume to cvs@123eng.com
Chat with other engineers at www.123eng.com/forum

Total 15 questions

Time: 13 minutes

No negative marking

Try to attempt at least 10 correctly. Mark all as there is no negative marking for this section.

2. Number Series-

20 questions

Time: 4 minutes

Negative marking: 1/4 each

Try to attempt at least 10 correctly. Be careful as there is negative marking. Don't make blind guess. It is very easy section. Very simple series will be there.

3. Quantitative Ability/Analytical Section-

12 questions

Time: 15 minutes

Negative marking: 1/4 each

Tricky questions from Profit & Loss, Time and Distance, Time and Work, Ratio and Proportion, Simple and Compound Interests etc.

Try to attempt at least 5 correctly. Be careful as there is negative marking. Don't make blind guess. One thing that you should remember is TIME MANAGEMENT. We were told to write an essay on "Politicians should be honest" within 15 minutes.

GROUP DISCUSSION

Our topic was "Love marriage is better than arrange marriage". There were 10 persons in a group and duration was around 15 minutes. First 10 minutes were for open discussion and then everybody was given 30 seconds to summarize. Express your views only. It is not necessary that you have to take one side; you can take dual-stand also. Speak confidently for a few minutes.

PERSONAL INTERVIEW

Interviewers were very cool and friendly. My interview started with my introduction. They asked some questions on my weakness. Then there were a few HR questions. Those were very easy to answer. Then there were a few questions from technical subjects viz. Digital Circuits, OS, C and System Analysis and Design. I couldn't answer all of them. They actually look for your attitude, aptitude and learnability. Be confident and show them that you have good soft skills and adequate technical skill. Try to shift the discussion to your areas of interest if there is any scope. So, be cool, calm and confident and you'll be able to become an IBMer tomorrow. Finally, they declared the results in a gallery.

Total students appeared: more than 100

Short listed after WT: 52

Short listed after GD: 42

Total selection from our university was 32 (18 from UG and 14 from PG students).

IBM PAPER ON 7th AUGUST 2007

Hi frens.. i had taken ibm test on 7 aug in our college..it was 32 min test.. it had following sections:

- 1.matrices (15 min)
- 2.no series(4 min)
- 3.apti(13 min)
- 4.essay

1.matrices: it was a easy section with rows and cols of matrices interchanged and we need to find the no like

3 2 3 4
2 3 4 5
2 3 4 5
1 2 3 4

interchange row 1 and 2 and col 3 and 4. find the no present in the 3rd pos of row 2.

like this we had 15 Q & need to solve in 15 min

2. no series:

it was very very easy section like

21 21 22 23 24 22 22 23 24 25 ?

options a.21 b.23 c.24d.22 ans: b

we had 20 Q & need to solve in 4 min

3.apti

sorry frens i could not remember the questions but it was frm RS book

4.essay:

HONESTY IS THE BEST POLICY was the topic given to us.. we were given 15 min. I cleared written test and the same day v had gd.. tiopic was UNITY IS STRENGTH. I cleared my gd and had technical and hr round on the same day

ibm people are really friendly and they were impressed by my gd points.. and at the end my results were announced.. and i was ONE AMONG IBM

i tell u be cool and confident.. be positive and stand by ur FAITH... nothing is impossible...

IBM PAPER ON 10th MAY AT SURAT 2007

hello everyone, this is the pattern of placement paper for ibm global which came to my campus on 10th May . 192 out of 390 were selected for GD round and 34 got eliminated after GD. In all 114 were finally selected which was a record for them as well as for my college.

written test consisted of three section first one was verbal reasoning which consisted of some articles n prepositions. A reading comprehension was also asked, this was tricky one and no question could be answered directly. there were 10 questions in all.

second section was aptitude related. Believe me it was the easiest test i ever gave. there were different sections. in all 35 questions were to be answered.5 were related to venn diagram prob,there was a section about binary nos.\$ denoted 1 and @ denoted 0.all we had to do was turn each given relation to its binary equivalent and then replace each 1 by \$ and each 0 by @.5 questions were about logical reasoning,20 questions were general questions like time, man power n probability questions, very simple u can do them at one go if u hav average iq.

The third section consisted of technical questions,3 were c lang related,3 on unix,2 on data structure n 2 on dbms specially sql.

GD was more of elimination rather than selection, make it a point to speak some good points and do speak fr some time . just speak and u r thru.

Personal interview

hr: wats ur name

me: sir abhinav

hr: hav a seat mr.abhinav

me: thank u sir

hr: so mr. abhinav u r frm electrical stream and u r having such a good cgpa then y u want to go to IT sector

me: sir before coming to this col i was not knowing wats good for me and where my interest lies.after coming here i tried my hands on programming n found tht i m quite good at it and it intersts me very much,i think u can only grow in tht field in which u hav interest.

hr: ok wat all subjects hav u read

me: sir i hv read fundamental of c prog,8085 microprocessor, digital circuits...(always mak it a point to tel only those subjects which involve logic or

programming, try to skip core subjects lik power sys n control sys fr electrical...he will stop u after u tel him 3 , 4 subjects)

hr: so u know c lang..

me: yes sir

hr: okk ,so how much u rate urself in c

me: sir i m the best in this col regarding algorithm development, infact i m sure i can compete with any comp. science student regarding logic development(believe me u shld b confident enough to say tht, it was a risk n i took it but if u r not tht good in c just say tht u knw basics of c...or whatever u feel is appropriate)

hr: really,so can u tel me algorithm used by google search engine...

me:(was bit nervous) sir i dont knw exactly bt i can try..

hr: ya sure try try

me:blah blah blah

hr: so u knw wats binary search

me:(tht was very easy) blah blah blah

hr: tel me if i giv u a array of 1000 nos,all in ascending order in hw many iterations will binary search b completed?

me: sir 10 because 2 to pwr 10 is 1024 ...

hr: yes thts good ,i m impressed

me: thank u sir

hr: u told me u r very good in prog... can u supprt ur claim.

me: yes sir i hav won one c programming contest n was 11 in c online comp.. out of 200 odd teams.

hr: good so what all programs u did..

me: told him and then he asked me to explain one of the prog..was quite easy

hr: wats diff btwn do while n while

me: (told was easy)

hr: wats pointer

me: (easy)

hr: ok so do u want to ask us any question..

me: askd 1-2 questions,(if thy ask u this questions its quite sure u r thru...)

hr: u gav bangalore as ur preference can u tel y?

me: gave sm funda(never say thers more oppurtunity or smthng lik tht.

hr: thank u abhinav it was very nice meeting u

me: thank u sir ,it was mine pleasure.

see clearing ibm is very easy if u hav good pointer or if hav good marks in their written test, mine score was 43 out of 55 ,highest ws 48 (can b higher this is best to my knowledge) and i think cut off was 35(can b lower also). its easy fr girls ,if girls r in interview its vry rare they will b eliminated (they prefer girls). I don't think they had sectional cut off, they will make u write essay but its hardly ever read bfr interview.

all the best ,believe me they hav easiest written test if u comp with othrs, wipro recruitment process is very tough, infy takes nearly all who clear their written n accenture pattern is same as tht of ibm(exactly same)

IBM PAPER ON 13th DECEMBER 2007

Hi friendzzz,

Hope you all are busy wid the ongoing placements. To start with, let me introduce myself . I am Neelesh Bhattacharya, an M.S student from IIT Kharagpur. IBM visited our campus on 13th Dec and we were all quite nervous, as usual.

To begin, they announced that the selection procedure will consist of three rounds, namely, written, GD and interview. Then the story began.

The Written Test comprised of FOUR sections :

(a) Data Matrix : Series of questions were based on a single data matrix. The elements of the matrix were symbols like *, @, ? and also numbers like 1, 6, 7...The questions were like "If all ? are changed into 1, which row summation has the highest value". They will just test your swiftness and response to the query.

(b) Find the missing number : All u have 2 do is 2 fing out the pattern in the given sequence and find out the missing number, quite easy but u should b fast coz 18 or 19 ques were 2 b solved in 4 min.

(c) Aptitude : General Aptitude...Problems on trains, age, percentage...etc...The R.S Aggarwal book should be enough 4 this part.

(d) Essay Writing : You have 2 write some 100 words on the given topic...Our topic was "Cricket is overshadowing other games in India". Try to be as pin-pointed as possible.

123 were short-listed for the GD round and the students were divided in groups of 8-10 each.

It was a very very nervy situation as two of the IBM people entered the room 2 start the proceedings. We were made 2 sit in a round table manner. They announced that the for the 1st part of it, everyone will speak about the topic 4 a min (sequentially) and in the next part there will be an open forum for 4 mins and finally 1 min for anybody or everybody to conclude. The topic given was "Should India sign the Nuclear Treaty"...In the open forum section, try 2 take the initiative before anybody does it, this shows the leadership quality in you. But avoid making a Fish-Market situation. Same is the case for the concluding section.

63 were short-listed from here and again I was one of the lucky ones.

Fasten you seatbelts now, as we have come to the Interview Round.

I was interviewed by two persons, both young and quite friendly. "Introduce yourself", "Why IBM".. were some of the common questions. Coming to the Technical part, I was asked to describe the area of my Research in details and also it's application in a practical scenario. It was followed by series of questions on Software Engineering, like SW life cycle phases, testing methods, ISO/SI CMM...etc. Finally a few puzzles on probability and general intelligence. It was quite okay and I was confident abt the selection.

At 12 in the night the results came out & 32 were selected & I was one of them. Hopefully this info will help u in ur placements.

IBM PAPER ON 14th JUNE AT BANGALORE 2007

Hey Guys beware, IBM has changed their test pattern... This time the test consisted of 4 sections and there was NEGATIVE marking too for two sections...

SECTION-1

this section consisted of 20 questions and NO NEGATIVE marking for this section only.. Time given was 13 min for this sec...5 matrices were given and que were like

	1	2	3	4	5
1	@	\$	*	*	\$
2	\$	\$	*	@	@
3	\$	@	@	*	*

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4 * \$ @ \$ @

5 @ * \$ * *

Q1- If all the \$ r replaced by @ , @ r replaced by * , * r replaced by \$ then what will be the 4th element of 3rd row?

a-@ b-\$ c- * d- none of these..

Q2- If 3rd column and 5th row r interchanged then wat will the 4th element of 3rd row?

similar que were of these type..

SECTION -2

This section consisted of 20 que with NEGATIVE marking (-1/3)..TIME limit only 4 min...20 number series were given..they were OK types.. Refer R.S. Agarwal (Quants)

Though the qu were fairly simple, time management was the only major concern...

SECTION -3

This section consisted of 15 que with NEGATIVE marking (-1/3)..TIME limit only 12 min...

The qu were of the type- profit loss, time work, probability, depreciation....All qu had moderate difficulty level. concepts were from R.S. Agarwal but calulations were difficult...In all sections only time management was required....Interview for non comp it branch were all HR types..

IBM PAPER ON 26th JUNE AT PUNE 2007

Hi all...

IBM... International Business Machines also known as Big Blue conducted campus at MIT on 26th June, 2007. Students were from PVG, SKNCOE, SCOE and MIT.

Criterion was aggregate 60% (For 5 semesters). Nearly 95 students got short listed from the aptitude test. Further 72 cleared the Group Discussion and finally 59 got through. I was one of them.

1. Aptitude Test: It was very interesting.

It had 3 sections:

- Matrix Manipulation: Three 5*5 matrices were given and there were 5 Qs on each matrix such as interchanging rows and columns, replacing one symbol by other, etc. (15 Qs in 13 min) there was no -ve marking for this section, so, I attempted all Qs.
- Series completion: 20 Qs to be solved in 4 min. It had -1/4 marking. So, I attempted only 18.
- Quantitative: 12 Qs in 17 min. It had -1/4 marking. I attempted only 7 Qs.

This section was a bit tough.

2. Group discussion:

Topic for our group was 'Should Politicians be Honest?'

We were a group of 16 students.

It was an extempore. Each one had to stand up and present his/her views.

3. Interview (At around 10 pm)

Interviewer: Ajay

(Last Interview of the day!!)

Ajay: Finally...

Gauri: Yeh...Good Evening, Sir.

Ajay: So, what do you feel about being the last one to be interviewed?

Gauri: I got to know the questions that you asked to all my friends...

Ajay: Oh, really?? What did they tell you??

Gauri: They told me that you asked

1. Tell me something about yourself?

2. Why IBM?

Ajay: That's it??

Gauri: Yeh.

Ajay: (smiling) These are just to start the interview..!! (I just smiled.)

Ajay: Tell me some things which you don't like about your college...

Gauri: Sir, our college conducts re-tests if we have not cleared the regular unit test, and they send the reports back home.

Ajay: They really do that??

Gauri: Ya, they do.

Ajay: Have you ever given the re-test?

Gauri: Yes sir, 2-3 times. Because we were busy in Firodiya Karandak practice...

Ajay: (Interrupting me...) Have you done Firodiya??

Gauri: Yes sir.

Ajay: As what?

Gauri: As a Singer. I sung a Telugu song in S.E. and a Portuguese Song in T.E.

Ajay: Do you know something?? I am a musician... I have all instruments at my home. I have a reserved floor for music in my bungalow. IBM has it's own band and we perform all over the world. I am the president of IBM club.

(He was going through my resume.)

Ajay: So, should I grill you on c++ or java??

Gauri: Yes Sir, you can.

Ajay: (smiled) Should I??

Gauri: You can, sir.

Ajay: Anyways, you are watching me since morning, what do you think about me??

Gauri: (Thought for a while) Sir, you are pretty honest and can go naughty at times.. and I think you don't really prefer job hopping. Do you play guitar??

Ajay: I play all instruments...

Ajay: Do you know, IBM takes special care of it's women employees?? IBM has won the Best Employer award for 10-15 years...

(I just nodded.)

Ajay: Ok...tell me something about yourself...

Gauri: I am from Bombay ..

(He immediately stopped me)

Ajay: Bombay or Mumbai??

Gauri: Mumbai...Are you from Mumbai?

Ajay: No, But its like my second home. Why did you think that I am from Mumbai??

Gauri: A person who is so particular about saying Mumbai and not Bombay must be closely related with the city...

(He just smiled)

Ajay: Continue...

Gauri: I love computers. I never get bored of them. It can be gaming or surfing..

Ajay: (Interrupting me...) So, which was the last site you surfed?

Gauri: It was IBM.

Ajay: What did you like about it?

Gauri: Sir, I loved the latest logo in which 'I' is shown by vertically drawn eye and 'B' is represented by a honeybee.

Ajay: It is not really a logo...

Gauri: Ya, not exactly... but that particular picture...

Ajay: Ok. What is IBM's slogan?

Gauri: What makes you special!!!

(He nodded in appreciation.)

Gauri: Sir, actually I didn't know this but my mother messaged me after I told her that I have cleared the G.D and have to go for the interview.

(He smiled.)

Ajay: So, do you want to ask anything?

Gauri: Sir, when did you join IBM?

Ajay: I am with IBM since last 4 years. Before that I was working with a Japanese company.

Gauri: Sir, and what about the training?

Ajay: Training will be for 3-6 months depending upon the project requirements.

Anything else you want to ask?

Gauri: No sir.

Ajay: Sure?

Gauri: Yes sir.

Ajay: (Smiling) Ok...So, now you will tell your mother immediately about the interview??

Gauri: (Smiling) Yes sir.

Ajay: Do you think I will select you?

Gauri: Yes sir.

Ajay: Are you sure?

Gauri: 100% sir.

Ajay: confident?

Gauri: Absolutely Sir...

Ajay: (Smiling) Anyways, it was nice interacting with you..

Gauri: Thank you, sir.

Ajay: Wait for the results now...

Gauri: Yes sir. Bye.

Ajay: Bye.

Finally, around 10: 50 pm results were declared and Expression Of Responsibility was given to us!

IBM PAPER ON 26th MAY 2007

hi friends, I have given the IBM paper today(26/5/2007) at CRR College,elurr.

The procedure follows:

written test (with a essay)

JAM

TR

HR

Its very easy to crack the paper,but the only thing needed is good time mangment.

The paper consisted of 4 sections:

Aptitude(venn diagrams,some quant)

verbal(comprehensions,fill with appropriate words)

technical(just 15 out of 55, these are too from unix,dbms,C++)

and finally they asked us to write an essay on "Agriculture in INDIA"

And this was the major elimination round becoz out of 1,270 only 243 qualified written. And the results were announced 3hours later, and i got selected in the written, then they called us for group discussions,but they conducted JAM(just a minute) and the topic was "DO CRICKET OVERSHADES ALL OTHER GAMES"and this is very easy topic and some other pannels have given topics like"globalisation,films,outsourcing....etc"

and even in this out of 243 people only 181 could clear this round.

And on the next day they have conducted TR and HR.

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Actually to say the IBM's HR's are very friendly, and they receive us with cute smiles on their faces which will make us to present ourselves confidently. now my technical interview goes like this,
ME: good morning sir.
SIR: A very good morning, how's the day.
ME: it's pretty sir.
SIR: fine, tell me about yourself.
ME: sir, my name is Aparna and;
SIR: what's your favorite subject.
ME: sir it's "digital communications" as I am from ECE.
SIR: alright then give me a brief idea about digital communications. I told sir about communications since the early stages and gave him a brief idea, and he posed some questions from what I have told him.
SIR: how can you prove yourself to be more innovative?
I gave him some examples of my projects and my leadership qualities.
SIR: which field do you choose to work?
ME: I want to work in communications side.
SIR: if I give you the job of software engineer then..
ME: Sir,

IBM PAPER ON 27th JULY AT ALLAHABAD 2007

Hi friends, I am extremely happy to contribute some of my experiences with you. IBM visited our campus on 27th July, you have to be very attentive from the beginning right from the presentation of the company, you should listen and understand all the things that are being told by the company delegate. Understand all things about the company like in what areas the company is working on and all the details that are displayed there.

After this presentation a written test was conducted, the written test looks very tough but the only thing you have to keep in mind that you have to perform up to your potential, do not get disheartened if you are not able to attempt less questions in any section.

WRITTEN TEST

1. Data Matrices-

3 data matrices

5 questions from each

Total 15 questions

Time: 13 minutes

No negative marking

Mark all as there is no negative marking for this section, firstly draw a corresponding matrix and go through the questions, you will find them easy now.

2. Number Series-

20 questions

Time: 4 minutes

Negative marking: 1/4 each

Try to attempt at least 10 correctly. Be careful as there is negative marking. Don't make blind guess. It is very easy section. Very simple series will be there, do not go through fast, and do not panic you will find the pattern of series easily.

3. Quantitative Ability/Analytical Section-

12 questions

Time: 15 minutes

Negative marking: 1/4 each

Tricky questions from Profit & Loss, Time and Distance, Time and Work, Ratio and Proportion, Simple and Compound Interests etc.

Try to attempt at least 5 correctly. Be careful as there is negative marking. Don't make blind guess. One thing that you should remember is TIME MANAGEMENT. We were told to write an essay on "Importance of communication in IT industry" within 15 minutes.

GROUP DISCUSSION

Our topic was "SHOULD INDIAN BRAINS GO OUTSIDE OR NOT.....THE BRAIN DRAIN PROBLEM". There were 10 persons in a group and duration was around 15 minutes. First 10 minutes were for open discussion and then everybody was given 30 seconds to summarize. Express your views only. It is not necessary that you have to take one side; speak your points confidently, do not look towards the examiner try to convince others on your points, if it does not happen, do not get panic as they only want from you to speak confidently, so be confident.

AFTER THE GROUP DISCUSSION PERSONAL INTERVIEW WAS THERE.....question asked in order from me..

1. hi plz be seated, gave her hand to say hello, do it confidence. sit down saying thanks sir

2. he will go through your resume.. saw my resume and said you are looking very smart in this pic... he only wants to see your response... say thanks sir

3. asked about by hometown

4. what your father do.. i replied he has got a small scale business, and he has been in this from last 30 years, he said quiet a long time in business.. i said yes sir.

5. so your father has got a small scale business, so why do you want to switch to software field..... i replied i have seen my father doing a lot of

hardships, and no one will want that his son should also go through these hardships.

6. asked about my family...

7. then again go through the resume.. asked about my area of interest.... i replied... dbms, data structures.... he asked any one else i said ya sir many more....

8. ok dear i do not know anything about DBMS tell me what is dbms..... it was like a gift question to me i explained it right from beginning starting from its features, how to format how to manipulate the database, how to access the database, what sharing means in dbms. about querying from the database.... i explained it for about ten minutes.. he was quiet impressed said GOOD

9. asked about querying from database.. how it can be done.... i replied sir it can be done using sql query...

10. what are different types of data structures... easy one...

11. what does data mean... where data resides in a system.. easy one

12. again go through the resume... the question i was expecting my percentage.... you have 75 in 10th then a downfall of 8% in 12th, then again a downfall of 6% in B.Sc, can i know the reason.... i replied sir i have not a keen interest in organic chemistry, i have got good marks in math and physics but i only oftenly read organic chemistry.... ok tell the formula of benzene.. i replied.. then asked formula of methyl alcohol and then formula of ethyl alcohol.... i replied then he asked the difference between them.... i said i dont know sir.... said i think you still do not go through organic chemistry...

13. ok you said that your father has done a lot of hardships, so what have you learnt from your father.... i replied.... i told the whole story of mine after 12th when i started giving engineering entrance... i never got a good rank so he always says to me..... "never got disheartened, you are not getting success does not mean that you will not succeed anytime, everytime you will learn something from the failures and one day you will definitely succeed.

14. ok why ibm..... easy one for me prepare it..

15. you are sent to a department in ibm you are not interested... you are not willing to go.... what will you do... i said sir i have gone through the presentation and if any employee is sent to an other department he is given a proper training.... he was impressed said it means you were attentive there....

16. still you are forced to go there.. what will you do.... i said sir i have to work for the company, for the welfare of company, so i will learn that thing and go forward for it... he said good

17. ok your weakness.. easy one

18. what are your hobbies

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19. which game you have played here

20. ok wah thave you learnt here..after coming to this college...

and many more questions of these types only.....what matters is that be confident and reply what your hart permits. and what matters most is "HAVE FAITH IN GOD, HE IS ALMIGHTY"

IBM PAPER ON 30th JUNE AT ANDHRAPRADESH 2007

Hi Friends, I am a student of JNTU College of Engineering, Anantapur, Andhrapradesh. IBM came to our campus on 30th JUN 2007 .

Candidates appeared for written test : 307

Cleared written test : 136

Cleared GD : 93

Finally Selected Candidates : 38

And I am one of those 38 candidates.

Procedure:

1. WRITTEN TEST & ESSAY WRITING

2. GROUP DISCUSSION

3. TECHNICAL CUM HR INTERVIEW

1. WRITTEN TEST:

This is the new pattern of IBM. Ours is the 5th college in which this new pattern has been implemented. it contains 3 sections.

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SECTION 1, some information is given in the form of matrices, with headings for rows as row1,row2 Etc.For columns with headings as column1,column 2.... Etc.those matrices r as follows.

	Column1	column2	column3	column4
Row1	@	*	2	Z
Row2	S	K	?	\$
Row3	I	P	Z	+
Row4	#	8	F	Q

Questions r as follows (not same questions but same type)

1.if column1 , Column 4 r interchanged and row3 , row4 r interchanged and diagonal elements from top left to bottom right r written in reverse order then what is the element in row1 and column 1?

2.if Z's in odd numbered rows r replced with 7's and S's in odd numbered columns r replaced with 5's then which column elements sum equals to 9?

3.After giving similar type of conditions , what is the element left to H?

In this section they gave around 4 matrices of this type and gave some questions for each matrix.

Total No. of Questions r 15. these r multiple choice questions.5 answers were given for each question. No negative marks for this section. Time Limit is 13 minutes.

SECTION-2

All questions in this section r from number series. Total number of questions r 20.time limit is 4 minutes.these r also multiple choice questions(5 options).Negative marking(1/4) is there for this section.

SECTION-3

Analytical type Questions . this section is little bit tough.u must have practice to do this section.questions 12.time 15 minutes.Negative marking(1/4) is there for this section.

*** REMEMBER***

à time management is very very important. don't waste time on questions which needs calculations. First attempt direct questions only.

à if there is no negative marking then attempt all questions.

ESSAY WRITING:

After written test immediately they will give a topic.we have to write an essay on that topic within 15 minutes in 200 to 300 words.our topic is LIFE AT CAMPUS.

GROUP DISCUSSION:

12 to 16 members in a group. time is 15 minutes.they gave us POVERTY IN INDIA.u have to speak something.otherwise u won't go to next round.don't give only intialisation or only conclusion.u have to be interactive throughout the session.other topics r MONEY MAKES IRRESPONSIBILITY,FOREIGN JOBS.

TECHNICAL CUM HR INTERVIEW:

Next day means on 1st july thy conducted interviews.

The persons of IBM r very cool .Most of the questions for me r of General type and HR .

What is interrupt.

Interrupt handler.

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By opening a MS-WORD document if u press 'A', what r the different things will be happened.will this interrupt the OS or processor.

What is the turning point in ur life.

Hobbies.i said news paper reading. We discussed a lot of time regarding politics in Andhrapradesh.

à if u score good marks in written test,Essay writing,GD then ur interview will be shortened. So,be cool and confident ,then easily u can get.

Finally, they announced results at 2 p.m on 1st july 2007 .

IBM PAPER ON 3rd AUGUST AT PUNE 2007

Hello friends...

I m goin to share my experience with u that i had during the selection procedure of IBM. They came for d placement on 3rd august and started their pre-placement talk at 9:00.After which we had our aptitude test.It had 3 sections

- A.Matrix questions
- B.Number series
- C.Mathematical Section

Key to crack the apti is believe in the almighty plus Time management!!!

Leave the questions that r hard to solve...solve other questions and if time allows,then go for them.Number series was really easy...just be quick wen u solve them...leave the ones that r not comin.In mathematics there were 12 questions to be solved in very less time.here again u ve to manage time..out of 12 i could solve around 6-7...but remember not to mark d questions which u r not able to solve.there was negative marking

then after the aptitude test we were given 10 minutes to write an essay...The topic was "INDIA'S FIRST WOMEN PRESIDENT"....U shold write good points in tat....They generally read that wen they call u for an interview...I was not been asked bout the essay,i think they liked it..But many of my friends were being asked from their essay's. The aptitude test finished at 12 n the results were out by 12:30..They were really quick...There were around 51 for the apti n wen the results were out my name was there among the 41 students...Immediately it was followed by GD in groups of 10.

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Let me tell u that U ve to speak something in GD no matter what ;)...Always remember they r there to select you n not reject u....This not a GD for elimination..they just want you to speak somethin...

In my case the topic of discussion was "CRIMINALS IN THE EYES OF LAW"
It will be good if u start with the discussion but if not then also no problems...listen to all n then analyse n speak...the pannel was very supporting as they were giving chance to everyone in the group.The topics r very general from daily news so make sure to read the current news...Others were given the topic "Money makes u reckless"

after Gd was over ,they announced the results n we all were in...infact all people were in..no 1 was rejected...so u ve to speak n with confidence....

Then we were called for the personel interview....
they saw my resume..did not ask nethin bout it ..They asked me my favorite subject...N asked questions based on that...friends remember to prepare atleast 1 subject before u go for such interviews....U should brush up ur knowledge...I said OS..they asked me questions related to it....I was not able to answr them properly as i didi not revise d syllabus...But their were few questions that i answered well...u should relate ur answers with examples...They asked me if i know bout pointers n told me to write a simple swapping function...
Also some questions based on Uml diagrams just becoz i had it in course...So just remember to revise 1 subject...Then hey asked me if i ve any ques for them... I initially said no sir...but they thought i was interested so they asked me to tell without hesitation...i asked them bout the work i would be doin in the company n regardin postings....

If u r already placed then they moght ask u d company n why u want to join IBM???
have a good n non-superficial answer....

okay then after waiting for bout 1 hour...they finally came in for declarin the results....
they said they will take only 15....That minute i totally lost hope...They were announcing d names one by one...n then they said Ela Vohra...n i was so thankful to God...it felt really gt to ve been selected for IBM....

IBM PAPER ON 2nd JUNE

Hai friends I am SATISH BODDU

I have been selected for IBM IN CAMPUS PLACEMENT conducted at BITS, Warangal ,A.P ON 2nd JUNE 2007. A total of 1406 students appeared 4 written test and around 220 were selected in written.

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We were asked to write the ESSAY along with written test .Written test was started around 10.30 AM and ended around 12 noon which comprised of ESSAY also. Results were announced around 3.00 PM.

GDs for 220 students started around 3.30 PM and ended at 5 PM I think so. Results were announced at 6 PM and 164 were selected in GD.

They held INTERVIEWS on next day .There were no results after tech interview many of the students were directly forwarded to HR and some of them were rejected and they told them this directly. All the interviews were completed at 4PM . They announced the final results and 79 students were selected atlast.

WITH GOD'S GRACE I WAS ONE OF THEM. Let me explain u each phase in detail

1.WRITTEN TEST

A. VERBAL ABILITY(10marks):

- 1,.2) ques on prepositions
- 3) nearest meaning of apathetic
a) b) sympathetic c)indifferent d)inattentive
- 4) did not agree him.(ans is with)
a)at b)to c)with d)by
- 5) _ clown of that circus became famous for his antics.(article)
- 6-10 a RC on pollengrains, reproduction in flowers thru beessomething like that

This was the easiest RC I have ever seen in any company's written test.

B.APTITUDE(25 marks):

It consisted of 25 questions believe there was not even a single question from objective arithmetic(ie, trains, boats&streams ,time &distance etc .Please don't waste ur time in preparing 4 arithmetic)

Almost all the ques r 4m VERBAL REASONING only (RS AGGARWAL is more than enough)

1-5) out of 600 students 536 have credit cards (AMEX,MASTER ,VISA CARDS).....(a bit hard try this section with inter 1st year maths(A.P))

Draw the venn diagram with 3 circls intersecting

- 1)How many had MASTER card
- 2) How many had only MASTER card
- 3)How many had VISA card
- 4) How many had only VISA card
- 5) How many had AMEX card

I think difference betn 1 & 2 answers is 41 and 3 & 4 is 21(have a wise guess its easy then)

Three ques on DIRECTION SENSE (easy)6 . A person starts behind is house which faces to east and walks 50m an turns left walks 100m in wht direction he is from his house.

7. If NORTH is SOUTH-WEST then SOUTH-EAST is (ans is NORTH)

8. I dint remember5 ques on DATA SUFFIENCY(think well then it is easy)

5 QUES on if \$ is 1 and * is 0 (just binary representations) then

444 is represented as

125 is represented as

So on Remaining questions were on BLOOD RELATIONS ,PROBLEMS ON AGES etc

C. ATTENTION TO DETAIL(10 marks):

3 Questions were asked on below pattern

Find any dissimilarity. a)234222272451 b) 23422272451 c)234222272451 d) 2342272451

Strings are given as a. 66749384879456 b. 6674934879456 c. 6674934879456

a)CCBDABBC b)CCBDABBC c)..... d).....

3 Questions on if + stands for * ,/ stands for - , * stands for / and / stands for + then Find the value of given expressions Remaining 4 questions are on a case study A person is eligible for a job if passed his degree in Science with aggregate over 60% and willing to pay a bond of RS 2 lakhs for 2 years

If the person fails to satisfy any of mentioned criteria then he has to report Manager or Administrative officer

D . TECHNICAL(10 marks)

3 questions are from C (easy) 3 questions from DBMS (very tough) 3 questions are from unix(easy 4 comp students) I didn't remember the missing question sorry(I think its 4m OS)

That's it 4 written test RS AGGARWAL(VERBAL REASONING) and any elementary English Book 4 grammar all the above 2 days before exam is more than enough to crack IBM WRITTEN That is what I had and what I did.

2.ESSAY

Topic was "EXERCISE IS GOOD FOR HEALTH" We were given 15 mins just after written and asked to write in not more than 200 words

3.GD

After we entered the room all the rules were changed it was not a GD but just like JAM. We were 10 in group and each of us was given 2mins to speak on the topic along with our introduction. Panel members were free with us they havent stopped any of us though we ran out of time .

They want u speak .Thats it. Our topic was "ENGINEERS SHUDNT ACCEPT JOBS FROM OTHER COUNTRIES" 8out of 10 were selected in GD from my group.

4.TECH INTERVIEW:

U cant distinguish tech and HR in IBM both go on same lines

For me there was a lady ,i think she was frm kerala or karnataka,she doesn't know telugu .

First of all i stood at the door waiting for call frm her, then i entered the room ,it was comp. lab .

MAM : tell me abt ur self

Then she asked me about my projects ,i explained each n every thing

Here only I scored much more marks

Then she asked me abt team management, how can i manage my team members in different situations,i was aware of this sort of questions , so prepared earliar and answered PERFECTLY.

Then she asked me some 7 questions frm my core subject(am frm MECHANICAL BRANCH).I answered correctly 6 questions .

TURBINE TYPES,HEAT TRANSFER,FLUID DYNAMICS,STRN OF MAT., etc.....

Then she asked me about 1)Arrays ,2)Pointers 3)Structures

I ANSWERED CORRECTLY for 2 only...!!!!!!!!!!!!!!

she laughed at my answeres , i too gave smile***

she then asked me to wait outside for HR, it took me 55min to clear this round .

She then came out of the cabin and sugested me to learn basics of computer languages, as am frm MECHANICAL.

***** HERE ONLY I SMELLED MY SUCCESS *****

HR

Here is final round for me ,i entered the room ,where hr was sitting ,he asked me to take the seat .

I slowly sat on the chair(Normal plastic chair).It was comfortable to sit in it .as there was AC in the room.

Then he shook hands with me and askad my name and introduced himself by telling his name his position in IBM,

I was confused for a while that ,interview is 4 me or 4 him.Like that he was so cool that i feel at home with him,at that moment .

SO REMEMBER TO BE COOL WHILE TALKING ,no one is going to beat u there ,okay.....

Then he asked me abt myself ,my projects, my innovative ideas,as i bagged STATE 2ND PRIZE FOR MY PROJECT,

Then he asked abt IBM, team management ,why software job 4 a mechanical student ,my interested areas in IBM, why IBM

.....IT TOOK 1 HOUR FOR ME TO GIVE PERFECT ANSWERS TO HIM.....YOU MUST BE SPONTANEOUS TO ANY QUESTION!!!!!!!!!!!!!! OKAY.....REMEMBER.

Then he asked me , DO YOU HAVE ANY QUESTIONS REGARDING "IBM".

Firstly i hesitated to ask but he forced to ask.....

So i asked like this

"WHY IBM IS INTERESTED IN TAKING GIRLS AND PHYSICALLY HANDICAPED "he then asked me to listen his words,he has given explanation to abt 30min. and then he asked me to wait out side to know the results .

I think abt 1 hr. latter results were announced and

" I WAS ONE AMONG THE SELECTED CANDIDATES"

"OK GUYS BE CONFIDENT ABT URSELF AND FACE THE HURDLES WITH A PRE-PLANNED MIND"

IBM GLOBAL SERVICES

1. In 1978, a kg of paper was sold at Rs25/-. I f the paper rate increases at 1.5% more than inflation rate which is of 6.5% a year , then what will be the cost of a kg of paper after 2 years?

a)29.12 (b) 29.72 (c) 30.12 (d) 32.65 (e) none of these

2. In A,B,C are having some marbles with each of them. A has given B and C the same number of marbles they already have to each of them. then, B gave C and A the same no. of marbles they have, then C gave A and B the same no. of marbles they have. At the end A,B,and C have equal no. of marbles.

(i) If x,y,z are the marbles initially with A,B,C respectively.

then the no of marbles B have at the end

(a) $2(x-y-z)$ (b) $4(x-y-z)$ etc.

(ii) If the total no. of marbles are 72, then the no. of marbles with A at the starting

a. 20 b. 30 c. 32

3. If a car starts from A towards B with some velocity due to some problem in the engine after travelling 30km. If the car goes with $\frac{4}{5}$ th of its actual velocity the car reaches B 45min later to the actual time. If the car engine fails after travelling

45km, the car reaches the destination B 36min late to the actual

time, what is the initial velocity of car and what is the distance between A and B in km

ans) 20 & 130.

4. A person has Rs 100/- in his pocket, he can buy 25 pencils or 15 books.

He kept 15% of the money for travelling expenses and purchased 5 pencils. So how many books he can purchase with the remaining money.

5. ten questions on analogies.

ex: hammer : carpenter ::

knife : butcher.

6. The values of shares A,B and C from January to June are as follows.

month A B C

JAN 30 60 80

FEB 35 65 85

MAR 45 75 65

APR 40 75 82

MAY 55 75 85

JUNE 50 75 80

i) During this period which share has undergone max fluctuation?

ii) In which month it is possible to buy B and C selling A?

iii) In which month the share values are very low?

iv) By purchasing one share of A and 4 each of B and C in the beginning of the period , to get max profit when this shares should be sold?

v) ?

7. In a computer institute 9 languages can taught. The module is of 6 months duration and only six languages each of one month can be taught. In addition to that BASIC is always there and should be in first month itself

word perfect is to be taught in the preceeding week of word star.

FORTRAN can not be taught until COBAL is coarsed prior to that

BINO, FIFO never be taught in single module

languages are BASIC, WORD STAR, WORD PERFECT, FORTRAN, COBAL, BINO, FIFO, LOTUS, C

i. Of the following which module is possible based on above conditions.

ii) If word star is in 3rd month , what could be in 6th month.

iii) If COBAL is in the 2nd month and BINO in 6th month are there in addition to the above condition, FORTRAN will be in which month.

8. In a class , except 18 all are above 50 years. 15 are below 50 years of age. how many people are there

a) 30 b) 33 c) 36 d) none of these.

9. A square plot of some size , at four corners equal squares of some size are cut and is formed as open box. If this open box carries 128ml of oil. What is the size of the plate i.e. side

a.17 b.14 c.13

10. In a square , all the mid points are joined. the inner square is shaded. If the area of the square is A, what is the shaded area?

11. two questions on basic angles i.e given a circle, a few chords or diameter is drawn etc.

12. $@(a,b) = (a+b)/2$

$/(a,b) = a.b$

$*(a,b) = ab$, if $a=1$, $b=2$ find

i) $/(a,(@(a,b),*(a,b)))$

ii)

13. $(x\#y) = x+y-xy$

$(x*y) = (x+y)/2$

i) $(x \# y) \# (x * y) < (x \# y)$, which of the below values of x, y will satisfy this equation

ii) $(a * b) \# (b * c) < (a \# b) * (b * c)$, what values of a,b,c satisfy the above.

14. By using the data given below answer the following questions.

B.tech M.sc M.A

male 20

female 80

total 60

some thing similar to that question.

i) 40% of females are B.Techs

ii) Half of the students are either from B.Techs of M.Sc

iii) ...

i. what is the no. of female B.techs

ii....

dont remember this question , just for an example this has been given .

45Q). PS1 pwd

export PS1 results in

- a). your primary prompt being your current directory
- b). " " and secondary prompts being the current dir
- c). " " prompt being your home dir
- d). " " and secondary prompts being the home dir
- e). None of the above.

8Q). If you type in the command

```
nohup sort employees > list 2 > error out &
```

and log off ,the next time you log in . the output will be

- a). in a file called list and the error will de typed in a file error out
- b). there will be no file called list or error out
- c). error will be logged in a file called list and o/p will be in error out
- d). you will not be allowed to log in
- e). none of the above

7Q). In UNIX a files i-node

a)is a data structure that defines all specifications of a file like the file size ,number of lines to a file ,permissions etc.

- b).----
- c). - - - -

d). _ _ _

(ans is -----(a))

44Q). The UNIX shell is....

- a).does not come with the rest of the system
- b).forms the interface between the user and the kernal
- c) does not give any scope for programming
- d) deos not allow calling one program from with in another
- e) all of the above

(ans is (b))

48Q).enum number { a=-1, b= 4,c,d,e}

what is the value of e ?

7,4,5,15,3

(ans is 7) check again

3Q).The very first process created by the kernal that runs

till the kernal process is haltes is

- a)init
- b)getty
- c)
- d)
- e)none

(Ans is a)

47 Q) Result of the following program is

```
main()
{
int i=0;
for(i=0;i<20;i++)
{
switch(i)
case 0:i+=5;
case 1:i+=2;
case 5:i+=5;
default i+=4;
break;}
printf("%d,",i);
}
}
```

a)0,5,9,13,17

b)5,9,13,17

c)12,17,22

d)16,21

e)syntax error

(Ans is d)

1 Q) What is the result

```
main()
```

```
{
```

```
char c=-64;
int i=-32
unsigned int u =-16;
if(c>i){
printf("pass1,");
if(c<u)
printf("pass2");
else
printf("Fail2");}
else
printf("Fail1);
if(i<u)
printf("pass2");
else
printf("Fail2")
}
```

a)Pass1,Pass2

b)Pass1,Fail2

c)Fail1,Pass2

d)Fail1,Fail2

e)none

(Ans is c)

2) In the process table entry for the kernel process, the process id value is

a) 0 b) 1 c) 2 d) 255 e) it does not have a process table entry

Ans) a

4) Which of the following API is used to hide a window

a) ShowWindow

b) EnableWindow

c) MoveWindow

d) SetWindowPlacement

e)None of the above

Ans) a

5) what will the following program do?

```
void main()
{
int i;
char a[]="String";
char *p="New Sring";
char *Temp;
Temp=a;
a=malloc(strlen(p) + 1);
strcpy(a,p); //Line no:9//
p = malloc(strlen(Temp) + 1);
```

```
strcpy(p,Temp);  
printf("(%s, %s)",a,p);  
free(p);  
free(a);  
} //Line no 15//
```

- a) Swap contents of p & a and print:(New string, string)
- b) Generate compilation error in line number 8
- c) Generate compilation error in line number 5
- d) Generate compilation error in line number 7
- e) Generate compilation error in line number 1

Ans) b

6) In the following code segment what will be the result of the function,
value of x , value of y

```
{  
unsigned int x=-1;  
int y;  
y = ~0;  
if(x == y)  
printf("same");  
else
```

```
printf("not same");  
}
```

- a) same, MAXINT, -1
- b) not same, MAXINT, -MAXINT
- c) same , MAXUNIT, -1
- d) same, MAXUNIT, MAXUNIT
- e) not same, MAXINT, MAXUNIT

Ans) a

37) PATH = /bin : /usr : /yourhome

The file /bin/calender has the following line in it

```
cal 10 1997
```

The file /yourhome/calender has the following line in it

```
cal 5 1997
```

If the current directory is /yourhome and calender is executed

- a) The calendar for May 1997 will be printed on screen
- b) The calendar for Oct 1997 will be printed on screen
- c) The calendar for the current month(whatever it is) will be printed
- d) Nothing will get printed on screen
- e) An error message will be printed

38) what will be the result of the following program ?

```
char *gxxx()  
{  
static char xxx[1024];  
return xxx;  
}  
  
main()  
{  
char *g="string";  
strcpy(gxxx(),g);  
g = gxxx();  
strcpy(g,"oldstring");  
printf("The string is : %s",gxxx());  
}
```

- a) The string is : string
- b) The string is :Oldstring
- c) Run time error/Core dump
- d) Syntax error during compilation
- e) None of these

Ans) b

39) What will be result of the following program?

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```
void myalloc(char *x, int n)
{
x= (char *)malloc(n*sizeof(char));
memset(x,\0,n*sizeof(char));
}
main()
{
char *g="String";
myalloc(g,20);
strcpy(g,"Oldstring");
printf("The string is %s",g);
}
```

- a) The string is : String
- b) Run time error/Core dump
- c) The string is : Oldstring
- d) Syntax error during compilation
- e) None of these

Ans) c (check it)

40) which of the following function is used to repaint a window immediately

- a) SendMessage(hWnd,WM_PAINT,.....)
- b) InvalidateRect(.....)
- c) MoveWindow

d) WM_COPY

e) None

41) which function is the entry point for a DLL in MS Windows 3.1

a) main

b) Winmain

c) Dllmain

d) Libmain

e) None

Ans) b

42) The standard source for standard input , standard output and standard error is

a) the terminal

b) /dev/null

c) /usr/you/input, /usr/you/output/, /usr/you/error respectively

d) NOne

Ans) a

43) What will be the result of the following program?

```
main()
```

```
{
```

```
char p[]="String";
```

```
int x=0;

if(p=="String")
{
printf("Pass 1");
if(p[sizeof(p)-2]=='g')
printf("Pass 2");
else
printf("Fail 2");
}
else
{
printf("Fail 1");
if(p[sizeof(p)-2]=='g')
printf("Pass 2");
else
printf("Fail 2");
}
}
```

- a) Pass 1, Pass 2
- b) Fail 1, Fail 2
- c) Pass 1, Fail 2

d) Fail 1, Pass 2

e) syntax error during compilation

46) Which of the choices is true for the mentioned declaration ?

const char *p;

and

char * const p;

a) You can't change the character in both

b) First : You can't change the character &

Second : You can;t change the pointer

c) You can't change the pointer in both

d) First : You can't change the pointer &

Second : You can't change the character

e) None

Ans) b (check it)

49) The redirection operators > and >>

a) do the same function

b) differ : > overwrites, while >> appends

c) differ : > is used for input while >> is used for output

d) differ : > write to any file while >> write only to standard output

e) None of these

Ans) b

50) The command

```
grep first second third /usr/you/myfile
```

- a) prints lines containing the words first, second or third from the file /usr/you/myfile
- b) searches for lines containing the pattern first in the files second, third, and /usr/you/myfile and prints them
- c) searches the files /usr/you/myfile and third for lines containing the words first or second and prints them
- d) replaces the word first with the word second in the files third and /usr/you/myfile
- e) None of the above

Ans) b

IBM Aptitude: Test

part 1 : letter series.

part 2 : figures

part 3 : quantitative

Technical:

Most questions are on Unix and some in C and some in

windows 3.1

all question in Unix are From Kernighan & pike

~~~~~  
~~~~~

TISL

part 1

it consists of number series.In some institutes alphabetical series is given instead of number series.Iam having number series so iam sending that.Please go through tha alphabetical tests also.

1. 19,24,20,25,21,26,? ans:22
2. 11,14,12,15,13,16,? ans: 14
3. 10,2,8,2,6,2,? a:4
4. 8,9,11,14,,18,23,? a:29
5. 25,25,22,22,19,19,? a:16
6. 14,2,12,4,10,6,? a:8
7. 7,16,9,15,11,14,? a:13
8. 40,42,39,44,38,46,? a:37
9. 3,18,4,24,5,30,? a:6
10. 18,20,22,20,28,20,? a:22
11. 18,20,10,12,4,6? a:0
12. 7,6,8,5,3,7,? a:4

- 13 9,18,21,25,20,? a:30
14 3,3,4,8,10,36,? a:33
15.30,28,25,20,34,28,? a:21
16. 4,8,16,32,64,128,? a:256
17. 8,16,24,32,40,48,? a:56
18. 13,11,14,12,15,13,? a:16
19. 6,18,36,108,216,648,? a:1296
20. 4,4,8,8,16,16,? a:32
21. 2,6,18,54,162,486,? a:1458
22. 4,20,35,49,62,74,? a:85
23. 10,18,15,23,20,28,? a:25
24. 4,10,8,14,12,18,? a:16
25 10,15,12,17,14,10,? a:16

part 2 consists of non-verbel reasoning(figures).So it is impossible for me to send those.(25 questions)

part 3 (quantitative)

1.A clerk multiplied a number by ten when it should have been divided by ten.The ans he got was 100.what should the ans have been?

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a:1

2.If Rs20/- is available to pay for typing a research report & typist A produces 42 pages and typist B produces 28 pages.How much should typist A receive?

a:Rs12/-

3.The average salary of 3 workers is 95 Rs. per week. If one earns Rs.115 and second earns Rs.65 how much is the salary of the 3rd worker.

Ans.105.

4.A 16 stored building has 12000 sq.feet on each floor. Company A rents 7 floors and company B rents 4 floors. What is the number of sq.feet of unrented floor space.

Ans.60000

5. During a given week A programer spends $\frac{1}{4}$ of his time preparing flow chart, $\frac{3}{8}$ of his time coding and the rest of the time in debugging the programs. If he works 48 hours during the week , how many hours did he spend debugging the program.

Ans. 18.

6. A company installed 36 machines at the beginning of the year. In March they installed 9 additional machines and then disconnected 18 in August. How many were still installed at the end of the year.

Ans. 27

7. A man owns $\frac{2}{3}$ of the market research beauro business and sells $\frac{3}{4}$ of his shares for Rs. 75000. What is the value of Business.

Ans.150000

8. If 12 file cabinets require 18 feet of wall space, how many feet of wall space will 30 cabinets require?

Ans.45

9. A computer printer produced 176,400 lines in a given day. If the printer was in operation for seven hours during the day, how many lines did it print per minute?

Ans.420

10. From its total income, A sales company spent Rs.20,000 for advertising, half of the remainder on commissions and had Rs.6000 left.

What was its total income?

Ans.32000

11. On Monday a banker processed a batch of cheques, on Tuesday she processed three times as many, and on Wednesday she processed 4000 cheques. In the three days, she processed 16000 cheques. How many did she process on Tuesday?

Ans.9000

12. The cost of four dozen proof machine ribbons and five dozen accounting machine ribbons was Rs.160/-. If one dozen accounting machine ribbons cost Rs.20/-, what is the cost of a dozen proof machine ribbons?

Ans.Rs.15

13. If a clerk can process 80 cheques in half an hour, how many cheques

can she process in a seven and one half hour day?

Ans.1200

14. In a library, there are two racks with 40 books per rack. On a given day, 30 books were issued. What fraction remained in the racks?

Ans.5/8

15. The average length of three tapes is 6800 feet. None of the tapes is less than 6400 feet. What is the greatest possible length of one of the other tapes?

Ans.7600

16. A company rented a machine for Rs.700/- a month. Five years later the treasurer calculated that if the company had purchased the machine and paid Rs.100/- monthly maintenance charge, the company would have saved Rs.2000/-. What was the purchase price of the machine?

Ans.Rs.34000

17. Two computers each produced 48000 public utility bills in a day. One computer printed bills at the rate of 9600 an hour and the other at the rate of 7800 an hour. When the first computer finished its run, how many bills did the other computer still have to print?

Ans.9000

18. If a salesman's average is a new order every other week, he will break the office record of the year. However, after 28 weeks, he is six orders behind schedule. In what proportion of the remaining weeks does

he have to obtain a new order to break the record?

Ans.3/4

19. On a given day, a bank had 16000 cheques returned by customers. Inspection of the first 800 cheques indicated that 100 of those 800 had errors and were therefore the available immediately for data processing. On this basis, hwo many cheques would be available immediately for data processing on that day?

Ans.14000

20. A company figured it needed 37.8 sq.feet of carpot for its reception room. To allow for waste, it decided to order 20% more material than needed. Fractional parts of sq.feet cannot be ordered. At Rs.9/- a sq.feet, how much would the carpet cost?

Ans.

a. Rs.324 b) Rs.405 c) Rs.410 d) Rs.414 e) Rs.685

21. A tape manufacturer reduces the price of his heavy duty tape from Rs.30/- to Rs.28/- a reel and the price of a regular tape from Rs.24/- to Rs.23/- a reel. A computing centre normally spends Rs.1440/- a month for tapes and 3/4 of this is for heavy duty tapes. How much will they save a month under the new prices?

Ans.Rs.87

22. In a team of 12 persons, 1/3 are women and 2/3 are men. To obtain a team with 20% women how many men should be hired?

Ans.8

23. The dimensions of a certain machine are 48" X 30" X 52". If the size of the machine is increased proportionately until the sum of its dimensions equals 156", what will be the increase in the shortest side?

Ans. 6"

24. In a certain company, 20% of the men and 40% of the women attended the annual company picnic. If 35% of all the employees are man, what percent of all the employees went to the picnic?

Ans.33%

25. It cost a college Rs.0.70 a copy to produce a Programme for the homecoming football game. If Rs.15,000/- was received for advertisements in the programme, how many copies at Rs.0.50 a copy must be sold to make a profit of Rs.8000/- ?

Ans. 35000

In the first section there are 40 question's on letter series.

Very easy upto 25 and then slightly involved after that again last 10questons are easy.

For example:

1. aa , bb, cc, --

2. a,c,e,g,-

etc.,

bye,

sreedhar.

TATA-IBM few questions extra.

1)int i=10;

printf("%d%d%d",i,i++,++i);

ans: compiler dependent

2)printf("Enter two values a and b:");

scanf("%d%d",a,b);

printf("%d+%d=%d",a,b,a+b);

ans:core dumped

3)Question on WM_SIZE

ans:WM_SIZE

4)when destroy window what message would display

ans:WM_DESTROY

5)MS Windows 3.1 about multitasking

ans:nonpreemptive

6)windows 3.1 is

ans:application

7) about switch statement

ans:16,21

8)question paper the first question ans is

ans:can't be compiled

9)about send messages and post messages

ans: c

10)what is the command to initiate the windows

ans:WinMain

IBM Placement paper

1.const char *

char * const

What is the difference between the above two?

2.In Unix inter process communication take place using?.

3.What are the files in /etc directory?.

4.About i-node numbers

5.Max relaxable permission value with out giving write permission to others?.

6.About ln(linking)

7.A question on until

until (who |grep mary)

do

sleep(60)

done

8. Linking across directories?.

9. process id for kernel process

10. very first process created by kernel

11. function to repaint a window immediately?.

12. Function entry for DLL in win3.1

13. win 3.1 is a

14. win 3.1 supports which type of multi tasking?.

15. Message displayed when a window is destroyed

16. About fork()?.

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18. Message to limit the size of window

19. System call executable binary file into a process

20. About GDI object?.

21. API used to hide window

22. Initialize contents of a dialog?.

The technical comprises of 50 questions on C, Unix and windows.

The interview for us is on a later date. If the questions come for you

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IBM Placement Paper

I know some 25 questions.

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IBM Technical Questions

1. what does vector processing do?
2. What is the use of software configuration management?
3. what command is used to append two files using who that is listed by ls;
4. if there is a problem in a network during transmission which is used to detect that?
a.protocol analyzer, b. SNMP....
5. In C, $x=-y+1$ how will u represent it..
a. $x=x+y+1$,b. $-x-y-1$,c. $-x+y+1$
6. What does Trigger do?
3rd option
7. In which topology we use less amount of cables.
ring, bus, star,mesh.....
8. Which sorting techniques is best for already sorted array...?.
ans: bubble sort
9. Which is said to be a realtime system.?
 1. credit card system
 - 2 online flight reservation system
 - 3 bridge control system...not sure
10. decimal to octal conversion problem?ans A
11. A person having a/c number, a/c name,bank name, a/c type.. which is the

primary among the above?

12. why data integrity is used?

13. if a primary key is an attribute of another one table means.....

1 candidate key

2 foreign kryey

3 seconda

4.....

14. $\text{int } (*a)[4]$. Explain this expression

15. Difference between 0123 and 123 in c

ans : 40

16, in c r+ is used for

1 read only

2 writing only

3 both 1 and 2

Apptitude

1. which 3 consecutive prime numbers gives the total

ans: 49 (13,17,19)

2. Rational numbers between 1 and 5

1. 3

2. 2

3. 0

4.infinite (ans)

5.finite.

3.If boat travels in 10km/hr in still water. it travels 14kmhr in upstream and 26km/hr downstream what is speed of stream?

4. .A cube of 3 unit has 6 surface is painted.If u cut the cube of 1 unit each how many cubes remain unpainted on all sides.

ans.1

5 one questions in profit and loss

a person sold an article at Rs.141 at 6% loss,to gain a profit of 10% at what price the article should be sold.

165

6. If person 20 min at 12 kmph. then how many Kmph in 15 minutes

Ans.16

7. Three person shared bullets equally. 4 were shot total no of bullets remainin is equal to the no of bullets initially divided

ans : 18

8.1st day of the year 1999 is sunday and what will be last day of the same year

ans sunday

9. 4 thieves entere a bakery and stoled bread one after the other.Each one took half of the total number of breads+half a loaf.If 3 breads were remaining what is the total number of breads.

10. If a ball is dropped from 8ft and it bounces half the height each time. Then the total distance travelled

ans.24

11. 6 squares of equal size are placed side by side to form a rectangle whose perimeter is 182. find the perimeter of the single square.

ans 52

12. the average age of students in a class is 16. when a teacher of age 40 is added, the average becomes 17. what is the total number of students

ans. 23

16-20

this section is very easy, a simple comprehensive type you can solve these questions within 2 minutes.

IBM Placement Paper

1. In 1978, a kg of paper was sold at Rs25/-. If the paper rate increases at 1.5% more than the inflation rate which is 6.5% a year, then what will be the cost of a kg of paper after 2 years?

- (a) 29.12
- (b) 29.72
- (c) 30.12
- (d) 32.65
- (e) none of these

2. In A, B, C are having some marbles with each of them. A has given B and C the same number of marbles each of them already have. Then, B gave C and A the same number of marbles they already have. Then C gave A and B the same number of marbles they already have. At the end A, B, and C have equal number of marbles.

(i) If x, y, z are the marbles initially with A, B, C respectively.
Then the number of marbles B have at the end

- (a) $2(x-y-z)$
- (b) $4(x-y-z)$
- (c) $2(3y-x-z)$
- (d) $x + y-z$

Ans. (c)

(ii) If the total number of marbles are 72, then the number of marbles with A at the starting

- (a) 20
- (b) 30
- (c) 32
- (d) 39

Ans. (d)

3. If a car starts from A towards B with some velocity. Due to some problem in the engine after travelling 30km, the car goes with $\frac{4}{5}$ th of its actual velocity. The car reaches B 45 min later to the actual time. If the car engine fails after travelling 45km, the car reaches the destination B 36 min late to the actual time. What is the initial velocity of car and what is the distance between A and B in km

Ans. 20 & 130.

4. A person has Rs 100/- in his pocket, he can as 25 pencils or 15 books. He kept 15% of the money for travelling expenses and purchased 5 pencils. So how many books he can purchase with the remaining money.

5. Ten questions on analogies.

eg: chief : tribe :: governor : state
epaulette : shoulder :: tiara : head
guttural : throat :: gastric : stomach
inept : clever :: languid : active
knife : butcher ::
hammer : carpenter ::

6. The values of shares (in Rs). of A, B and C from January to June are as follows.

Month	A	B	C
January	30	60	80
February	35	65	85
March	45	75	65
April	40	75	82
May	55	75	85
June	50	75	80

- i) During this period which share has undergone maximum fluctuation?
- ii) In which month it is possible to buy B and C selling A?
- iii) In which month the share values are very low?
- iv) By purchasing one share of A and 4 each of B and C in the beginning of the period, when should these be sold to get maximum profit?

7. In a computer institute 9 languages can be taught. The module is of 6 months duration and of the six languages only one can be taught each month. In addition to that BASIC is always taught and should be in first month itself.

- WORD PERFECT is to be taught in the preceding week of WORD STAR.
- FORTRAN can not be taught until COBAL is taught prior to that.
- BINO, FIFO can never be taught in single module.

Languages are BASIC, WORD STAR, WORD PERFECT, FORTRAN, COBAL, BINO, FIFO, LOTUS, C.

- i) If word star is in 3rd month, what could be in 6th month.
- ii) If COBAL is in the 2nd month and BINO in 6th month. FORTRAN will be taught in which month.

8. In a class, except 18 all are above 50 years. 15 are below 50 years of age. How many people are there?

- (a) 30
- (b) 33
- (c) 36
- (d) none of these.

Ans. (d)

9. A square plate of some size is cut at four corners. Equal squares of the same size are cut and is formed as open box. If this open box carries 128 ml of oil. What is the size of the side of the plate?

- (a) 17
- (b) 14
- (c) 13
- (d) None of these

10. In a square, all the mid points are joined. The inner square is shaded.
If the area of the square is A, what is the area of the shaded area?

11. Two questions on basic angles i.e given a circle, a few chords or diameter is drawn etc.

12. If the following statements are given

- $@(a,b) = (a+b)/2$
- $/(a,b) = a/b$
- $*(a,b) = ab$

If $a=1$, $b=2$ then find

i) $/(a,(@(a,b),*(a,b)))$

ii) $*/(a,@(*(a,b)))$

16. In UNIX a file's i-node?

Ans. Is a data structure that defines all specifications of a file like the file size, number of lines to a file, permissions etc.

17. The UNIX shell

- a) does not come with the rest of the system
- b) forms the interface between the user and the kernel
- c) does not give any scope for programming
- d) does not allow calling one program from within another
- e) all of the above

Ans. (b)

18. enum number { a=-1, b=4, c,d,e}
What is the value of e ?

- (a) 7
- (b) 4
- (c) 5

- (d) 15
- (e) 3

19. The very first process created by the kernel that runs till the kernel process is halts is

- a) init
- b) getty
- c) both (a) and (b)
- d) none of these

Ans. (a)

20. Output of the following program is

```
main()
{int i=0;
for(i=0;i<20;i++)
{switch(i)
case 0:i+=5;
case 1:i+=2;
case 5:i+=5;
default i+=4;
break;}
printf("%d,",i);
}
}
```

- a) 0,5,9,13,17
- b) 5,9,13,17
- c) 12,17,22
- d) 16,21
- e) Syntax error

Ans. (d)

21. What is the output in the following program?

```
main()
{char c=-64;
int i=-32
unsigned int u =-16;
if(c>i)
{printf("pass1,");
```

```
if(c<u)
printf("pass2");
else
printf("Fail2");
}
else
printf("Fail1);
if(i<u)
printf("pass2");
else
printf("Fail2")
}
```

- a) Pass1,Pass2
- b) Pass1,Fail2
- c) Fail1,Pass2
- d) Fail1,Fail2
- e) None of these

Ans. (c)

22. In the process table entry for the kernel process, the process id value is

- (a) 0
- (b) 1
- (c) 2
- (d) 255
- (e) it does not have a process table entry

Ans. (a)

23. Which of the following API is used to hide a window

- a) ShowWindow
- b) EnableWindow
- c) MoveWindow
- d) SetWindowPlacement
- e) None of the above

Ans. (a)

24. What will the following program do?

```
void main()
{
int i;
char a[]="String";
char *p="New Sring";
char *Temp;
Temp=a;
a=malloc(strlen(p) + 1);
strcpy(a,p); //Line number:9//
p = malloc(strlen(Temp) + 1);
strcpy(p,Temp);
printf("(%s, %s)",a,p);
free(p);
free(a);
} //Line number 15//
```

- a) Swap contents of p & a and print:(New string, string)
- b) Generate compilation error in line number 8
- c) Generate compilation error in line number 5
- d) Generate compilation error in line number 7
- e) Generate compilation error in line number 1

Ans. (b)

25. In the following code segment what will be the result of the function, value of x , value of y

```
{unsigned int x=-1;
int y;
y = ~0;
if(x == y)
printf("same");
else
printf("not same");
}
```

- a) same, MAXINT, -1
- b) not same, MAXINT, -MAXINT
- c) same , MAXUNIT, -1
- d) same, MAXUNIT, MAXUNIT
- e) not same, MAXINT, MAXUNIT

Ans. (a)

26. PATH = /bin : /usr : /yourhome

The file /bin/calender has the following line in it

```
cal 10 1997
```

The file /yourhome/calender has the following line in it

```
cal 5 1997
```

If the current directory is /yourhome and calender is executed

- a) The calendar for May 1997 will be printed on screen
- b) The calendar for Oct 1997 will be printed on screen
- c) The calendar for the current month(whatever it is) will be printed
- d) Nothing will get printed on screen
- e) An error message will be printed

27. What will be the result of the following program ?

```
char *gxxx()  
{static char xxx[1024];  
return xxx;  
}  
  
main()  
{char *g="string";  
strcpy(gxxx(),g);  
g = gxxx();  
strcpy(g,"oldstring");  
printf("The string is : %s",gxxx());  
}
```

- a) The string is : string
- b) The string is :Oldstring
- c) Run time error/Core dump
- d) Syntax error during compilation
- e) None of these

Ans. (b)

28. What will be result of the following program?

```
void myalloc(char *x, int n)
{
    x= (char *)malloc(n*sizeof(char));
    memset(x,\0,n*sizeof(char));
}
```

```
main()
{
    char *g="String";
    myalloc(g,20);
    strcpy(g,"Oldstring");
    printf("The string is %s",g);
}
```

- a) The string is : String
- b) Run time error/Core dump
- c) The string is : Oldstring
- d) Syntax error during compilation
- e) None of these

29. Which of the following function is used to repaint a window immediately

- a) SendMessage(hWnd,WM_PAINT,.....)
- b) InvalidateRect(.....)
- c) MoveWindow
- d) WM_COPY
- e) None

30. Which function is the entry point for a DLL in MS Windows 3.1

- a) Main
- b) Winmain
- c) Dllmain
- d) Libmain
- e) None

Ans. (b)

31. The standard source for standard input, standard output and standard error is

- a) the terminal
- b) /dev/null
- c) /usr/you/input, /usr/you/output/, /usr/you/error respectively
- d) None

Ans. (a)

32. What will be the result of the following program?

```
main()
{char p[]="String";
int x=0;
if(p=="String")
{printf("Pass 1");
if(p[sizeof(p)-2]=='g')
printf("Pass 2");
else
printf("Fail 2");
}
else
{
printf("Fail 1");
if(p[sizeof(p)-2]=='g')
printf("Pass 2");
else
printf("Fail 2");
}
}
```

- a) Pass 1, Pass 2
- b) Fail 1, Fail 2
- c) Pass 1, Fail 2
- d) Fail 1, Pass 2
- e) syntax error during compilation

33. Which of the choices is true for the mentioned declaration ?

```
const char *p;
and
char * const p;
```

- a) You can't change the character in both
- b) First : You can't change the character & Second : You can;t change the pointer
- c) You can't change the pointer in both
- d) First : You can't change the pointer & Second : You can't change the character
- e) None

34. The redirection operators > and »

- a) do the same function
- b) differ : > overwrites, while » appends
- c) differ : > is used for input while » is used for output
- d) differ : > write to any file while » write only to standard output
- e) None of these

Ans. (b)

35. The command `grep first second third /usr/you/myfile`

- a) prints lines containing the words first, second or third from the file /usr/you/myfile
- b) searches for lines containing the pattern first in the files second, third, and /usr/you/myfile and prints them
- c) searches the files /usr/you/myfile and third for lines containing the words first or second and prints them
- d) replaces the word first with the word second in the files third and /usr/you/myfile
- e) None of the above

Ans. (b)

IBM Paper 2th sep 2004

2 Sections

- 1. Aptitude
- 2. Technical

Time : 60 mins

both papers will be in our hand initially, so we can divide time in what ever way we want.

Aptitude :

1. like 3 consecutive prime adds to some no what is that
ans: both 49 and 59.

2. one person travelled 4 laps with the speed of 10,20,40 (or 30) and 60 kmph and what is the average speed.
ans: 20 (sure)

3. like one student takes 20 mins if he go with speed 15kmph and at what speed he

should go to reach in 15 mins (nos are not same)

ans: 16kmph(but not sure)

4. there are 2 type of people group 'yes' who always says yes (they never say 'no') if they are not sure about they will remain silent. and other group name 'no' where the group of people always say 'no' if they are not sure they will remain silent.

thats it

now questions are

1) what will be the answer if i ask are u belong to group 'yes'

options are: they remain silent ,say yes, say no, either yes or no, can't be determined

2) same question but if i ask are u belong to group 'no'

answers for both above questions are not (not determined)

3) what will the other person say if ask are u belong to group 'yes'

and etc

there were 5 questions first 4 u can do it last one little bit tough.

spend some time on this u can do it.

4)

5)

9. like from height of 8 mts on ball fell down and each time it bounces half the distance back. so what will be the distance travelled

ans: 24 (sure) like $8+4+4+2+2+1+1+0.5+0.5+$ and etc ..

answer is not 20

10. like 6 cubes are arranged adjacent lay and given the perimeter and asked to find the perimeter of one cube.

ans: if x is the total perimeter then $(x/14)*4$ leads to the answer.

but check it once u will be having plenty of time.

answer is 52 ($13*4$)

11. some data is given like this 10kmph in still water ship took some x mins and downstream

some y mins in same time

what is the stream value (q is not exact)

ans: 3 (not sure)

12. some average problem like 16 students average weight and teacher joins them

ans: 23 (sure) do this $(16x+40)/(x+1)$ will give the value.

13. some problem on square like to increase area by 69% by what percent side should be

increased

ans: square root of 169 i.e 13 (not sure)

14. no of rational nos b/w 0 and 5

ans: infinite

15. First day of 1999 is sunday what day is the last day

ans: monday

16. bullets probel some x no of bullets are shared by 3 people equally . and each fired

4 bullets then the sum of remaining bullets is equal to intially divsion value

ans: 18 (sure)

17. bread problem, one come and eat half no of breads and somthing...

ans: 63(check it)

18. like A can do in 6 day and B can do in 8 and C can do in 12 days but b left after working for 6 days for how many no of day A and C shluld work

ans: 11(i dont think so this is correct)

Technical

1. what is vector processing

ans: i dont no

2. what is data integrity

ans: option a (like the range of values is defined by data integrity)

3. which topology takes minimum wiring

options: star, bus, ring and complete etc

ans: find it from network text book (may be bus or ring)

4. best sorting if elements are already sorted

ans: insertion sort(sure)

5. software configuration management -----

ans: option a (but check it from SE text book there are only 2 confusing answers)

6. In network the packers are flowing unnecessarily what is the way to control it and

options: SNMP, and some i dont remember.

7. some octal no to decimal conversion

for given octal no the last digit was 7

ans: the option a (the decimal last digit was 1)

8. $x = y + 1$ is equivalant to

ans: $x=x-y-1$ (sure) because it is interpreted as $x=x-(y+1)$

9. in a student form what is the relationship b/w student and course

ans: actually it is many to one but they specified in a student form so think and write.

10. which is correct to append the output of ls and who to some file x.

ans: `(who;ls)>>x` (check it)

11. what is trigger in DBMS (know what it will do)

12. what happens when we open a file in r+ mode

like whether file will be created if it is not there can we write to file ...

13. what is ROM

ans: it contains boot up program and it is not accessible

that was one answer and another option was

it is non volatile (choose one among these 2)

14. what is `int (*a)[4]`

ans: pointer to an array of 4 integers (check it)

15. primary key of another table is present and so on.....

ans: foreign key

16. what is the difference b/w 0123 and 123 in C?

ans: 40 (sure)

17. which among the devices is a spooled device

ans: printer (correct)

18. if you get an error in an adapter which device will you use?

ans: contact electronics student.

one of the options was voltmeter.

19. which is the real time application

ans: robotics

that's it I remember

don't email me for further clarifications because I wrote what all I know.

but one thing

they are changing papers but the questions will be from previous question papers combined.

I am in Computer Science Branch

take the advantage of branch for CS brach students.

for girls

just get 25 in written for 40. and talk something in tech and HR
u will be in. best opportunity for girls its like 50% reservation for girls.

and the pay package is 2.75 lakh per annum.

the cut off is 30

final word: dont go blindly with this answers to exam conform all the answers
and then share this paper with all of u'r friends. they(IBM) need people badly
so if all of u'r friends do well all of u will be in .

Interview:

HR quetions:

1. why 2+2 is 4 why not 5.

ans: assume u took 2 apples from A and 2 more apples from B and assume u
are having 5

and give 2 to X and give 2 more to Y then nothing will be with u i.e u lossed.
(give some answers but dont say that it is like that only)

2.how may stones did hanuman thowned on lanka? (diffirent but of same type)
and one more how many trees are there in u'r campus ...

ans:

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because it is not possible to disprove that .

3. why IBM

IBM Latest paper

There are 2 sections Aptitude and Technical .

Each Comprises of 20 qs

Aptiitude:

1)two clocks meet at 12.Next time they meet again
after

Ans 65.45

2)Soldiers form a square .Initially 32 soldiers
left.Then 8 .After they could not form a square.Total

at the beginning

options 100,81,49,67

3) Age of Grandfather is the ages of 4 grandchildren where their ages are in consecutive. Find the age of GF
I think 72

4) 3 person waiting for the train Some conditions given. Finally they ask the time. Ans is 4.37

5) Some Squirrel qs where it covers $\frac{1}{4}$ th distance then $\frac{1}{2}$ i couldnt remember

6) if $m^{\text{pown}} = 121$. Then $m - 1^{\text{pown}} + 1$ is 1000

7) if speed in the ratio 5:4:3 then the time taken to cover the same distance is

8) 20 men construct a wall 56m in some days similar one ans 49 (check aggarwal)

Technical

`char *p=(char *)10`

`op=?`

Running time of $8T(n/2)+q$ is ncube

Scope of static and automatic var 2qs

nodes in binary tree of length 4 is $15(2^{\text{pown}} - 1)$

how to convert 2d array to single dimension

options are

1. converging a row 2 column 3 or both in to o's

comments-for documentaion or it increases file size

like that.u have toi choose the correct one

Technical qs are bit tricky..

IBM Paper

Two Sections

1. Aptitude
2. Technical

Aptitude

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can we write to file ...

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ans: pointer to an array of 4 integer (check it)

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ans:40(sure)

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18. if u get error in adapter which device will u use?

ans: contact electronics student.

one of the options was voltmeter.

19. which is the real time application

ans: robotics

Interview:

it depends upon the Panel

be perfect with u'r mini project.

HR questions

1. why 2+2 is 4 why not 5.

ans: assume u took 2 apples from A and 2 more apples from B and assume u are having 5 and give 2 to X and give 2 more to Y then nothing will be with u i.e u losted.

(give some answers but dont say that it is like that only)

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and one more how many trees are there in u'r campus

...

ans:

dont say i dont no
say some no for ex 1000 and say i.e correct . they
wont say any thing for that
because it is not possible to disprove that .

3. why IBM
Technical

1. what does vector processing do?
2. What is the use of software configuration management?
3. what command is used to append two files using who that is listed by ls;
4. if there is a problem in a network during transmission which is used to detect that?
a.protocol analyzer, b. SNMP....
5. In C, $x=y+1$ how will u represent it..
a. $x=x+y+1$,b. $-x-y-1$,c. $-x+y+1$
6. What does Trigger do?
3rd option
7. In which topology we use less amount of cables.
ring, bus, star,mesh.....
8. Which sorting techniques is best for already sorted array...?.
ans: bubble sort
9. Which is said to be a realtime system.?
1. credit card system
2 online flight reservation system
3 bridge control system...not sure
10. decimal to octal conversion problem?ans A
11. A person having a/c number, a/c name,bank name, a/c type.. which is the primary among the above?
12. why data integrity is used?
13. if a primary key is an attribute of another one table means.....

- 1 candidate key
- 2 foreign kryey
- 3 seconda
- 4.....

14. int (*a)[4]. Explain this expression

15. Difference between 0123 and 123 in c
ans : 40

- 16, in c r+ is used for
- 1 read only
 - 2 writing only
 - 3 both 1 and 2

Apptitude

1. which 3 consecutive prime numbers gives the total
ans: 49 (13,17,19)

2. Rational numbers between 1 and 5
- 1. 3
 - 2. 2
 - 3. 0
 - 4.infinite (ans)
 - 5.finite.

3.If boat travels in 10km/hr in still water. it travels 14kmhr in upstream and 26km/hr downstream what is speed of stream?

4. .A cube of 3 unit has 6 surface is painted.If u cut the cube of 1 unit each how many cubes remain unpainted on all sides.
ans.1

5 one questions in profit and loss
a person sold an article at Rs.141 at 6% loss,to gain a profit of 10% at what price the article should be sold.
165

6. If person 20 min at 12 kmph. then how many Kmph in 15 minutes
Ans.16

7. Three person shared bullets equally. 4 were shot total no of bullets remainin is equal to the no of bullets initially divided

ans : 18

8.1st day of the year 1999 is sunday and what will be last day of the same year

ans sunday

9. 4 thieves entere a bakery and stoled bread one after the other.Each one took half of the total number of breads+half a loaf.If 3 breads were remaining what is the total number of breads.

10. If a ball is dropped from 8ft and it bounces half the height each time. Then the total distance travelled

ans.24

11. 6 squares of equal size are placed side by side to form a rectangle whose perimeter is 182. find the perimeter of the single square.

ans 52

12.the average age of students in a class is 16.when a teacher of age 40 is added , the average becoems 17. what is the total number of students

ans.23

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Ans 65.45

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4)3 person waiting for the train Some conditions given.Finally they ask the time.Ans is 4.37

5)Some Squirrel qs where it covers 1/4 th distance then 1/2 i couldnt remember

6)if $m^p = 121$.Then $m^{p-1} + 1$ is 1000

- 7)if speed in the ratio 5:4:3 then the time taken to cover the same distance is
8)20men construct a wall 56m in some days similar one ans 49 (check aggarwal)

Technical

char *p=(char *)10

op=?

Running time of $8T(n/2)+q$ is ncube

Scope of static and automatic var 2qs

nodes in binary tree of length 4 is $15(2^p - 1)$

how to convert 2d array to single dimension

options are

1.convering a row 2 column 3 or both in to o's

comments-for documentaion or it increases file size

like that.u have toi choose the correct one

Technical qs are bit tricky..

IBM Placement Papers 2007

IBM PAPER ON 4th MAY AT KANPUR

hi everybody firstly i want to introduce my self . i m ashish gangwar 3 et hbti kanpur and i m among lucky ones to be selected by ibm.

paper consits of 4 sections 10 ques from english .

10 question in technical section (4 unix, 2 dbms, 1 data structure , 3 c) very eaisy

rest question include venn diagram , binary number, coding decoding, data sufficiencyetc. and of course here is one essay on UNITY IS STRENGTH.

this is the first round for IBM gbs for (ISL) there is one more paper cosist of technical questions afr that 138 student shortlisted for GD ROUND here the trick is to speak with confident and dont hurry while speaking . after gd 96 students are called for interview

in interview they through questions like

1 tell me abut urself?

2 why ibm?

3 why u wanna join ibm as electronics engg?

4 what are dynamic and static memory locatoin?

5 abut binary tree, traversal, call by bvalue, some dbms commands etc.

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finally i went for the hr int .the he ask my strength and weakness. plz go through ibm site and learn its three values he ask me iad i told him all he got totally impressed .

finally result were told at 11PM and i was selected best of luck to everybody.

IBM PAPER ON 24th APRIL AT KOLKATA

Hello friends, IBM came to our college on last 24th April,2007 and 207 students sat for the test. Finally 66 got selected. & I am one of them.

There were 3 rounds : **Aptitude test, GD, interview.** (Pls keep your college ID card with u, else they won't let u sit for the test.)

APTITUDE TEST :

55 ques, 60 min time, followed by 15 mins for essay writing. R.S. Agarwal is more than enough. But if u r confident & have practiced enough of apti from any standard book, that will certainly do (I did from TIME materials for placement). But direction test, data sufficiency, venn diagram etc were common from R.S. Agarwal. AT LEAST GET FAMILIAR WITH THE TYPES OF QUES AS TIME MANAGEMENT IS THE KEY TO SUCCESS IN THIS SECTION.

Section 1- Verbal part

She performed _ the opera house.(in/at/on etc)

Another qs on preposition-easy.

Synonym-apathetic

_ clown of that circus became famous for his antics.(article)

Article again-easy.

Then a RC on some plants, pollen grains etc. Do it at last if u get time.

Section 2 –

Well guys I don't remember the problems, but it was very easy. Just stay cool and keep pace with time.

Data sufficiency- about 5 qs

Venn diagram- easy, 5 qs. Problem was like- of 600 people,576 use credit cards (VISA,AMEX etc).

Direction sense- 2 or 3 easy qs

Some more qs were there. Follow any standard book & u can definitely do them.

Section 3 – Attention to details

Eg: CBCBCCBBC CBCBCCBBC CBCBCCBBC –find who are alike or not.

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4 or 5 qs like above.

Then 4 or 5 qs like- if * represents +,- rep. * etc, find value of 12* 5-7....etc

Section 4 – Technical

Qs from UNIX, DBMS etc.

Eg: which normal form is only and completely key dependent? Which command to use for seeing detail of a command in UNIX (man,info,display,help).

Essay topic- MONEY BRINGS IRRESPONSIBILITY

Be fast but stay calm. Apti is the easiest round- trust me. 129 cleared it.

GROUP DISCUSSION :

13 candidates in a group, 15 mins time, followed by 30 sec for summing up the GD for each candidate. Our topic was- “HONESTY IS THE BEST POLICY”. Everyone, even who sat silent was specifically asked to speak. But it is better that u speak spontaneously. The round carries lot of marks.

94 cleared the round. (Usually GD isn't elimination round but since too many had cleared apti, they eliminated some in GD in order to shorten the i/w round.)

INTERVIEW :

I won't go into detail of it. A panel of two was there, extremely polite, approachable and friendly.

In technical, they asked about-

C(call by value & ref. etc)

UNIX,OS (shell, kernel etc)

JAVA (exception handling, features of OOP)

DS (linked list)

NETWORKING (http, port etc)

& some more qs on diff subjects. I answered well & confidently, tried to keep a smile on my face to make myself look confident and well-prepared.

Then there were some HR qs like about myself, my results, a prize which I won for writing on cloning, why IBM, what's the difference b/w IT & CSE and like that.

(JUST GO THROUGH THEIR WEBSITE & prepare standard qs like why IBM etc.)

They looked satisfied with what I answered. Then it was over & we shook hands.

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I was pretty confident about my selection & finally made it.

Do prepare well, be confident and stay calm & you will make it too.
Best wishes for all of u.

IBM PAPER ON 24th APRIL AT KOLKATA

Hi guys and girls,

I appeared for the IBM recruitment test on 24th april, 2007 in our campus. Luckily, I got through.

Remember u need to have ur college ID cards or else they might not allow u to sit for the exam. Now there were 3 rounds of qualifying exams...

First round is the aptitude test.(55 marks total, cutoff 30 for boys)

So boys u have to be really good at what u do & girls u all can be almost be rest assured if u clear the aptitude test u will get through.

For aptitude test remember the first and most important thing is TIME MANAGEMENT.

Many good students don't make it through the aptitude because they lack this skill.

Practice R.S.Aggarwal, it's more than enough for the aptitude.

It has 4 sections in its paper: (1 hr test)

(i) verbal (10 mins)

This will consist of filling up prepositions in the blanks.

e.g. 1. he had been singing for a very long time, but until now he has never been seen _____ the opera house

options: (a)at (b)in (c)on (d)none

2. the sea food did not agree _____ him.

options: (a)with (b)on (c)for (d)in

There will be atleast 2 of these questions.

Then there would be few other 'fill in the blanks'.

Then there is a comprehension. Our passage was from "Origin of Species".

It was fairly easy, but don't read the passage first, read the questions first and then find the answers from the passage.

They are mostly in sequential order from passage paragraphs.

This part is easy, u will get through if u have basic knowlege and skills of english.

(ii) Quantitative (25 questions, 30 mins)

This part is fairly easy.

First question was on venn diagrams (credit card holder problem).

Its a bit lengthy but if u can manage it u get 4-5 questions right straight away.

then there are questions on direction, 4-5 questions on data sufficiency, 4-5 ques on

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replacing 0 and 1 by * & #, age problems etc
They r quite easy just remember the clock is ticking.

(iii) Attention to details (10 mins)

This section be careful...this section is very easy but be attentive to details, I would suggest do this right after the verbal.

There will be 2-3 questions on similarity like

234222272451 23422272451 234222272451

find any dissimilarity.

then there will problem on relation- father, son like that

then replacing + by *, - by + and so on...

last question will be on case study.

they had given us a criteria list for admission and few biodatas for considering whether their applications will be accepted.

(iv) Technical (10 mins)

this portion will contain checking output, choosing correct answer etc.

It will be based on DBMS, C, unics commands and may few other topics...

Essay writing:

They will provide 15 mins after aptitude test for writing this passage. About 300 words.

Now don't think thats enough time, u hardly get any, trust me. Start writing the moment u get the signal, but don't beat around the bush, be clear in expressing ur ideas and their justifications. Ur aptitude marks most probably don't include essay marks. But they do pay importance to this.

128 were selected from 200-220 after aptitude test.

Next is the **GD round**, now we were never prepared for GD as we thought there won't be any GD, but surprisingly we had and 94 were selected out of 128.

There were 12 in a group, and all the girls would be selected here, so boys u all have to open the zip of ur mouths and talk. Don't sit Dumb. U lose points for that. Don't wait for too long for others to finish.

They check ur communication skills and ur ideas. Just remember u have to talk.

If u get through this u will face **Tech+hr interview** and mostly they will be conducted by the People who conducted ur GD.

Now, this is totally a matter of luck, in which panel u get...

If they ask u technical questions they are generally Not plain easy, so u have to be well prepared in technical, which I was not.

As I had already got a job offer from Cognizant, I wasn't looking forward to any job in IBM. So I hadn't taken any preparation at all.

But U guys don't do this, my interview was mainly on HR so it was easy, though they tried to crack me with stress questions, but they couldn't.

There were 2 men in my panel,
It was as follows:

me: good afternoon, sir.

sir: good afternoon take ur seat.

me: thank u, sir.

sir: i didn't get time to read ur essay, tell me about it in brief.

me: explained (they were satisfied)

sir: tell us something about urself

me: told (stress on ur extracurricular activities if u have good ones, now I was in news reading and also some simple research work)

sir: u said u did researchwork, would like to do research in IBM?

me: right now I would like join, learn and grow with the industry and in future I might think about switching to that. BLAH BLAH

sir: have u got any other job offer?

me: yes sir, from cognizant.

sir: why do u want to join IBM, cognizant is the fastest growing company now?

me: explained(<

Trust me always go through the press releases or news of the company u r sitting for, because if u talk about those they really get impressed,

Just visit The Company's Home Site, U can get all details there>>>)

sir: Ok, what is ur favourite subject?

me: Principles of programming language

sir: tell me diff b/w structure in C and C++?

me: told

sir: tell me a func where u don't have to define a body?

me: pure virtual func

sir: explain that.

me: (that was the only thing I couldn't recall)

sir: anyway, tell me about header files

me: BLAH BLAH

< >

sir: Ok, lets say I give u a job Not challenging, a job that class 12 boy can do, would u do it?

me: well a job is only as challenging as u make it, and i think there 's no harm in starting with a class 12 job, I can surely work my way up.

sir: tell me a phase of ur life where u went through a big change.

me: from my school to college..BLAH BLAH

sir: are u mobile?

me: absolutely

sir: ok, lets say I send u to jungle rural place and tell u set up an IT workshop, what will the 3 most important challenges u will be facing?

me:<>

(i) requirement analysis: planning, gathering info on what is necessary to get the job done, framework etc

(ii) man power= local technically ignorant people + technically experienced people -->

Managing them Together

(iii) handling unexpected events that r bound to occur in any large scale job

They were totally impressed with this answer.

sir: u have any question for me?

me: sir can u tell me about the training program in ur company?

sir: BLAH BLAH, any more questions?

me: yes sir, can u tell me more about 10 yr pact made b/w IBM and Idea cellular and Aditya birla?

sir: BLAH BLAH, anymore?

me: no sir.

sir: thank u

me: thank u

Results came after an exhaustive wait till 8:30 pm. 66 were selected from 94.(Final Selection 66 from 200-220) Luckily my name was there.

Only thing u got to remember is that be confident at all times during ur interview, even if u have said something wrong or couldn't answer

something don't lose ur confidence... atleast don't show that in ur attitude. Keep ur head cool, body language calm and be confident and if u have good communication skills u will get through. The interviewers are always friendly and smiling so u be the same way.

BEST OF LUCK. SEE U ALL IN IBM

IBM PAPER ON 15th APRIL AT BANGALORE

hi friends i m bharath herei m doing 6th sem mechanical engg in UVCEi m happy to say that i placed in IBMpaper was too easy friendstest conducted by MERIT TRACK

55 questions it consists of 4 parts

SECTION1(10 que) too easy 5 articles and then 1 easy passage 5 questions from tat

SECTION 2(25 que) (QUANTITATIVE)

1 to 5 questions on venn diagram

5 to 10 on decesion making

11 to 15 data sufficiency

16 to 19 mathematical operation

19 to 25 simple apti friends u can do it easily

SECTION 3(10 que) (LOGICAL)

1 TO 5 on binary conversion like $\$=1, *=0$,

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whats the value of 1)566
2)LCM(16,8,10)
3)AVG(3,6,9)
4)16-AVG(2,4,6)
5) \$\$ - *\$\$
just divide by 2 u can get the ans

friends refer quick mathematics by TYRA for binary que
6 to 10 one puzzle on that 5 questions

SECTION 4(10 que) (TECHNICAL)
que from C,C++,DATA STRUCTURES.....

friends my suggestion is to manage time do fast cut off will be 35 and above as i think for
written verbal and non verbal reasoning book helped me lot friends
then 15 min essay writing
then GD friends just they will check ur interaction and way u talk

then **(TECH+HR INTERVIEW)**

friends 3 HR persons interviewed me really its challenging moment to face themjust i
told everything positively with confidencei was smiling bit
first they asked me que from C i answered some que... later they went deeply to ask
C then i told sir i m from MECH ENGG i know only basics then he stopped C que
then they start asking HR questions really its challenge to face those quealways they
tried to take me into -VE side
but i ans every que in a +VE way and i impressed all
they felt happy with my ans friends

thats all 25 min they interviewed me
friends always be confidentdo wellthis is the 3rd company
to my clg ...in first 2 companies(CTS and WIPRO) I rejected from HRso
friends dont loose hope think positively thats it u can dogod will place u in
good company
really i m happy to say that now i m the member of worlds largest IT
company now i m IBMmate

hope will see in IBM . ALL THE BEST FRIENDS

IBM PAPER ON 11th APRIL

Hello friends,

My name is Ajitesh Pathak, a 3rd year student of NIT Durgapur studying in the branch
of Information Technology. Like many before, I used to browse this website for
company papers and experiences of those who got placed and believe me it feels great

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while writing as one. On 11th April, IBM India had visited our campus and 72 got selected out of 340 aspirants. Thank God, I was one of them.
Here are the details of the selection procedure.

There were 4 rounds...

- 1 . **Written**
- 2 . **Essay round**
- 3 . **GD**
- 4 . **Tech + HR Interview**

340 sat for the interview and 166 got selected. The cut off for every department was variable but for the ECE, CSE and IT ppl it was very high. There were 55 ques and 47 was the cut-off. Yes, believe me, tht's the fact. 47 was the cutoff and for Non-IT depts. Like mechanical, EE, Meta, Chem.. the cut off ranged from 35 to 40. Let me brief you about the written test.

There were 4 sections...

1st Verbal Section: 10 questions

2 ques on filling appropriate words..like

[1] The money was shared _____ the two.

(a) Among (b) Between (c) a & b (d) None

[2] _____ preparing for the exams, she had also prepared a presentation.

(a) Beside (b) Besides (c) a & b (d) None

1 ques on a synonym based sentence

[3] The phone number was incorporated into the directory.

(a) Exclude (b) Include (c) Condemned (d) None

Then the next 2 were on articles, very easy ones.

Then there was a RC... on embedded systems. Basically, read the 1st para, answer the 1st ques... the ques were set according to the paras... very easy, try to do it in the end. Do the ones you are comfortable with.

2nd Aptitude Section: 25 questions

Believe me this was a good section. There were easy ques but you had to be patient and not excited. Try to keep your adrenaline flow under control....

Q on Venn Diagram...

There are 32 tables in a room. 9 tables have salt bottles on them. 1 table has salt and pepper only, 1 table has salt and sugar only and 1 table has pepper and sugar only. 3 tables have all of them. The difference between the tables containing pepper and sugar is 2. Find the following..

[1] No. of tables containing sugar. [Ans: 17]

[2] No. of tables containing sugar only. [Ans: 12]

[3] No. of tables containing pepper. [Ans: 15]

[4] No. of tables containing pepper only [Ans: 10]

[5] No. of tables containing salt only. [Ans: 4]

Then there were few symbol based ques.. Like if + is /, / is -, - is * and * is + then evaluate.. there were 4 expressions..

There was a q on odd one out... there were 4 expressions and 3 of them evaluated to 36, the answer was the one which didn't evaluate to 36.

These comprised of ques [6],[7],[8],[9], [10]...

The next 5 were data sufficiency ones. Very easy... CAT aspirants would sail through this portion.. Very easy ones...

The next five were general questions on aptitude...like

[16] If 5 cakes takes 1 hr 30 mins to bake in an oven when kept together, then how much will it take 10 cakes to bake in an oven when kept together. [Ans: Same time]

[17] P and Q can write 135 pages in 27 hrs. P can write 3 pages in 1 hour. How much time will it take Q to write 42 pages. [Ans: 21]

[18] A beats B in a 100 race by 10m . B beats C in the same race by 10m. Then by how much does A beat C in the same race. [Ans: 20m]

[19] A class took an exam and each scored either 80 or 100 marks. If 10 students gave the exam and 100 was the max score one could get, then find out how many got 100 marks if the average of the class was 94. [Ans : 7]

The last one I don't exactly remember but that was very easy. Anyone could do it.

The next, the final 5 of this section was a concentrative portion.

If \$ represents 1 and * represents 0, then find the following in this code...

There were 5 expressions. One had to find the value of each of the expression and then convert it to binary form and then encode it according to the 1st line. This was a little cautious portion, but keep your cool and don't make a mistake in finding the binary.

One thing, normally IBM gives q's on cubes but there were none in our paper. So future aspirants should be knowing how to do the sums of cubes. Just think upon it with a group of frnds and then it wil be fine. Also know the octal, hexadecimal systems and how to find the equivalentents of numbers with decimals, like 0.4375

3rd Attention to Detail Section: 10 ques

This was the easiest section. Some patterns were given and you had tell wich patterns were same according to the options. So be calm and keep your eyes open. There were some symbol based questions also. There were 5 questions which were based on a small passage.

It was a passage about a club with some membership criteria to be fulfilled. Don't read it. Start with the questions and relate the options with a criteria because it was a section named Attention to Detail not Reading Comprehension. So work with the options. This is where maximum students lost the time when they started reading the criteria. Play with the options.

4th Technical Section: 10 ques

This was a tough section especially for the Non IT branches.

4 ques on C/C++, 3 on DBMS, 3 on Unix.

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HI..... I GOT SELECTED AT IBM ON 1ST OF APRILIT WAS ONLY THING
HAPPENED WITHOUT "APRILFOOL"OK... JOKES APART.....!!!!!!

WE HAD PPT AT 8:30 ON MORNING..... THEN TEST STARTED AT 10:30

THE TEST WAS QUITE EASY.....

IT CONTAINED FOLLOWING SECTIONS.....

1:VERBAL:- THERE WAS ONE PASSAGE FOR COMPREHENSION.....JUST
EASY
AND 5 FILL IN BLANKS FOR PREPOSITION FILLING..... VERBAL IS QUITE
EASY.....

2:-QUANTATIVE : IT WAS ALSO EASY.....
U CAN REFER AGARWAL BOOK FOR IT.....

3:LOGICAL: IT WAS COMPARATIVELY DIFFICULT.....
I DIDN'T GOT MUCH TIME FOR IT..... U CAN REFER AGARWAL
BOOK.....

4:TECHNICAL: IT WAS BASED IN BASIC C/C++
IT ALSO CONTAINED QUE FROM DATABASE & UNIX..... THERE WAS
ADDITIONAL, QUE OF ESSEY WRITING.....

TOPIC WAS "SHOULD ENGINEERS ACCEPT FOREIGN JOS?"
IT WAS 15 MIN TIME FOR IT

RESULTS DECLARED AT 3 PM AS EXPECTED I WAS
SHORTLISTED.....

I HAD MY **INTERVIEW** AT 5 PM.....
THEY ASKED ME ABOUT MY PROJECTS & PPTS IN DEPTH.....
THEY CHECK COMMUNICATION SKILLS,LEADERSHIP
QUALITIES.....ALSO U'R MARKS.....

BE CONFIDENT AT INTERVIEW.....THEN U R THE WINNER.....!!!
WELL PREPARE U'R RESUME..... THEY CAN ASK U ANY
QUE.....FROM RESUME.....

RESULT DECLARED AT 10 PM
THERE WERE 123 CANDIDATES SHORTLISTED..... AND 58 STUDENTS
SELECTED FROM INTERVIEW.....
I WAS ALSO SELECTED.....

SO PREPARE WELL & BEST LUCK FOR IBM

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IBM PAPER ON 1st APRIL

Hello u all IBM seeker !!!!

I am Shabbar A. Lokhandwala from T.E. (C.S.E.) W.C.E., Sangli.

We had an test and interview on 01 04 2007.

Appeared near about 200 students

Aptitude test short listed: 129

Selected: 58

Thanks to God ,all freshersworld guys , my friends ,my family members praying for me and my luck .

Ya boys n guls I am now IBMer.

Procedure:

1) Written Apti Test

2) Technical Interview cum HR Interview

1. Written Apti Test (Meritrac): 55 questions to be answered within one Hour & an essay to be written within 15 mins.(essay topic is given at last 5 minutes.ours was “engineers should not accept jobs outside the country.”(Write in legible, good, No!!! in best handwriting as it is seen at the time of interview. They may ask u questions on that also as I mentioned @ Swadesh movie I was asked @ that.))

Section 1:English aptitude

1. I had seen the boy throwing stonesthe old lady. (use towards/on/to/at)
2. Synonyms lady was so seluete ,so everyone was praising her . ans : flexible
3. Use a an the example was easy.
4. Use a an the example was easy.
5. Preposition again. Easy

Then the long passage and on that 5 qs. leave it .Do at last as u will have much amount of time.

Section 2: Quantitative aptitude(go with examples like bouquet of 200 roses 5 red 2 yellow ,5 red &green like that plz as 5 qs on that I was unable to ans them.)

Section 3: Analytical ability

Is given statement answerable by a:1 b:1,2 c:by both and d: by neither.choose correct option among a,b,c,d. Like plz do as u can win ur match here 5 qs on that.

Easy and must solve first like *replaced by +,/ by *,+ by * and – by / so evaluate $28/4*2/1-3+5$

Section 4: Computer section

qs from Unix(some commands given what will be the output?) & for technical

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DBMS(tables given & ans regarding keys),what is Normalization? ,sorting complexities worst case which will perform best? Etc.

For quantitative aptitude & analytical ability I will suggest to solve RS AGGARWAL (both) specially Venn dia, mathematical operations, puzzle test, data sufficiency, binary conversion, direction test(south north east do sense : In south turn towards right is towards east do it cool ly.),time distance speed, profit loss, percentage problems.

Age problem like veena younger than 3 years seema who is 4 yrs lder than reshma....finally who is older amongst all like 3 qs?
Sorry guys I cant provide u the details of written paper as I was then busy in solving them. But truly speaking it was easiest test I had given ever.Ya Believe me I am also avg case student like u all as my overall % up to 5th sem are 65.36.Ya now u can believe me.

Initially on the ans sheet of essay they have mentioned that they are going to conduct GD of short listed candidates but at last they haven't , But remember guys they have just started the GD tradition in on campus interview processes.

2) Technical Interview cum Personal Interview

I would like to express my interview experience as I think it maybe useful to them who have the same dream to be an IBM'er just I had.

I:may I come in sir? He:no (amazed !!!!) then come in yaar.(so friendly)
He:have a seat plz .tell me @ u and then @ project.(answered well ...like the river. Plz in project explanation draw some figures tables for the sake of his understanding he is just checking ur communication. Skills. (If u r convent student plz drop this instruction) (I am now going to provide u best of all idea to improve the English. first buy CHAOS dictionary of Marathi to English I m not selling or advertising anything(for the sake of my security) just mentioning the thing which I had done so now take the Marathi news paper or any book u like most and daily u have to translate the 10 lines of Marathi to English. Don't think about the tenses. Just go on improving ur vocabulary. My experience tells that within 5 days u will have confidence in doing all things .Hoping that u will do it sincerely.))

Then a complicated pgm given to solve i tried it ,don't give up so early at least try something who knows ur luck supports u at that time and u will be able to solve it.

Asked @ family.

Why should IBM hire u?

Ans: Because of my abilities like creativeness and innovativeness, learnability, flexibility,.....xplain with eg.

How many files created after successful execution of pgm?

Good!!!! Strengths ?

Like river I answered (he got impressed)

Ibm: why we use main? Why not multiple mains? If main is not declared what will happen?

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Me: compiler will raise an error message.

Ibm: what kind of error message?

Me: I don't know exactly but I think it will say main function not defined/found.

Then he open up with real weapons and given me 10 problems list to solve within time limit of 5 minutes. Was easy but tricky I solved luckily just to give o/p of pgm (test ur c skills helped here).

IBM: Favorite sub?

I: All. (Impressed but plz give such ans if u r perfect .I was, as I have prepared IBM as my dream company.)

He asked me no. of qs on networking, o.s. Dbms(novice level),c,c++,java , vc++ all things explained by me so impressed. Uptil now spent 25 min

Then turned towards personal interview asked all general qs @ relocation, preferred place,etc.

Then I asked his good name. He: Mr. Pravin .

He wished me to meet again. Given clue of selection.

So plz be prepare for the test and interview and to be a part of worlds no-2 brand and s/w no 1 branded company.i m always with u. see u all in IBM .

Bye!!!! All the best !!!!

IBM PAPER ON 23rd MARCH

Hi everybody ,I got selected in IBM on 23rd March. We were having campus in amravati college of engineering .

Around 1100 students appeared for aptitude test and they selected 147 students in aptitude.

After interview they selected only 60 students and I WAS ONE OF THEM !!

ROUND 1:

The aptitude test was very easy.We were having 55 questions to solve .

There were 4 sections:

1:VERBAL

There were questions on prepositions,fill in the blank with correct word.Solve these first as they are very easy. then there was a passage .Try to do this at last.this saves time.

2:APTITUDE

Logic based questions and some questions on probability .there was a question which was to be solved by venn diagram.

It was having 3 sub questions.blood relation problem.

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3:ATTENTION TO DETAIL

Find r these alike
XXXYYJJGCFHKL XXXYYJJGCFHKL XXXYYJJGCFHKL .3 questions of this type.
This is very easy try to attempt it first .there were questions like \$represent 1 and *
represents 0.there were 5 questions
on this type .like evaluate \$\$*\$\$^\$* .they are time consuming .use binary numbers
concept. there was question like * represent +,/ represents - and so on .there were around
3 questions .evaluate expression as
3/4+6....

4:COMPUTER FUNDAMENTAL

10 questions.They asked the output of small C language command .2 questions were on
UNIX commands some question
were on SQL.
This was all about aptitude.
Then they told us to write an essay on "Money brings irresponsibility".they gave us 15
minutes.
try to make it impressive..they may ask question on essay like why do you think so..
try to get above 35 in apti..Apti started round 9:30.results were out till 12:30.

ROUND 2:

We were having only one interview ti+pi.
my interview was at 4'O clock in afternoon.here r some questions:
Tell me about yourself.
what is cursor,accelerator in C.
what is data structure.
what is pointer.
he asked me to solve 2 problems on work-time .
if 75 men require 30 days how many 25 will require .both were from R.S.AGARWAL.
some unix commands .
your favourite subject.why.
r u interested in having higher studies
if you r offered job by ORACLE n IBM at the same time ,which 1 will u select.why.

JUST BE YOURSELF !dont give any fake answer .they may pull your leg on that point.
Be cool! maintain eye-contact and KEEP SMILING .believe me,this works !!even if u r
not able to ans any question , dont be tensed ,just tell him that u dont know it.

This was first time i cleared my apti..n..i got selected!I was benefited by this site.So i
contributed my paper.
Thanks to all those who have contributed earlier.

IBM PAPER ON 17th MARCH

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At last! Oh I haven't introduced myself --- Anjan Goswami (IT, 3rd year, B Tech) kalyani govt Engg College (K.G.E.C). Whenever I was reading this page I have always thought when will I be able to write at this column & yes it was 17th march 2007 when I got selected in IBM, BIG BLUE. I would like to express my interview experience as I think it may be useful to them who have the same dream to be an IBM'er just I had.

I was one among the lucky students of K.G.E.C & now I am giving the details: if interested read till last else skip.

Appeared for Written: almost 170

Cleared written: 68

Selected: 39

Initially they informed us that they are going to conduct GD but at last they haven't but remember guys they have just started the GD tradition in on campus interview processes.

1. Written test (Meritrac): 55 qs to be answered within one Hour & an essay to be written within 10 mins. (in our group essay topic was "chances of India in winning world cup")

For aptitude test, paper was easy but time consuming if u r not fast, there also exist overall cutoff (in our case it was 30+) & sectional cutoffs for only CSE, IT, MCA , MTECH students so consistency in each section is required.

Section 1: English aptitude(article preposition, RC, Synonyms)

Section 2: quantitative aptitude

Section 3: analytical ability

Section 4: computer section

For quantitative aptitude & analytical ability I will suggest to solve RS AGGARWAL (both) specially venn dia, mathematical operations, puzzle test, data sufficiency, binary conversion, direction test,time distance speed, profit loss, percentage problems. & for technical qs from Unix, DBMS, C etc

Sorry guys I cant provide u the details of written paper as I was then busy in solving them.

2. Interview: (my interview was mainly HR basis & it was at least 30 min long)

Before announcing results the told us to gather in a room. One of them failed to find the room so I asked him "can I help u sir? He queried I answered then he asked my name after asking whether I am a candidate or not? & said I cleared the written!". As I have scored too well in written (here I utilized my time management) so I was the first one who went to face technical + HR interview just after the fillup of forms so I didn't get any time to prepare myself mentally & even to make myself fresh!

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Me: may I come in?

Ibm: yes (actually it was a 3 member panel- mr arijit, mr indrajeet, ms dola- she was also a pass out senior of our college)

Me: good afternoon sir, good afternoon mam. (I am still in doubt whether I have greeted them by saying good afternoon or good morning!)

Ibm: please be seated. Thank u. they carefully observed my CV & other documents & ask to tell me something abt myself.

Me: answered just like a river

Ibm: anjan u hav told that ur aim is get a challenging job & adding value in IBM. Please clarify?

Me: answered (think they were satisfied)

Ibm: but every job isn't challenging?

Me: I will make it challenging. (With full confi)

Ibm: what do u want to achieve & how can it will be possible in IBM

Me: answered (just conveyed their motto & what ibm offers , listened in ppt)

Ibm: u have told abt ur strengths. What are they Where u have used it & how IBM will be benefited from this?

Me: explained.

Ibm: what kind of difficulties u have faced while organizing college fest?

Me: answered

Now the madam started.

Ibm: u have told datastructure abt ur fav subject. Can I ask some qs from it.

Me: yes why not.

Ibm: what is datastructure, examples , diff bet Stack & Queue explain it. Represent stack by linked list, write the insertion routine by dynamic allocation technique.

Me: answered confidently & correctly

Ibm: whats abt C?

Me: I informed her that this is my fav subject but as C is a prog lang that's why I have mentioned datastructure.

Ibm: why we use main? Why not multiple mains? If main is not declared what will happen?

Me: compiler will raise an error message.

Ibm: what kind of error message?

Me: I don't know exactly but I think it will say main function not defined/found.

Again HR continued

Ibm: initially u will be trained in kolkata then Chennai. Any problem

Me: no sir I am relocatable any where in the globe.

Ibm: suppose clients are demanding a work in 24 hrs but it require 48 hrs ur approach as team leader?

Me: just conveyed for "customer satisfaction" I have to make it (initially strategy, tem building & pulling out best from them)

Ibm: as u have completed ur portion but ur peers are facing same problem.do u go for amusements? NO so what will u do?

Me: as I am also bearing the risk of IBM so I will stay to assist my colleagues & for this

reason I can sacrifice. (I was 100 % confident that my answer really satisfied them)

Ibm: u told that ur hobbies are listening to music & singing. What kind of music u like to listen. What are the diff types of music explain when u listen them. If I give u an option to choose a particular type which one will u choose & why?

Me: answered.

Ibm: anjan would u like to sing some lines for us?

Me: I said why not. Sir do i have the permission to sing any hindi song & sang "koi hero ehaan koi zero ehaan koi bhi star hai koi bekar hai...(pkir bhi dil hai hindustani)"

Ibm: all of them smiled (for the first time I saw them to smile with me) & said its really very nice to meet u.

Me: I smiled & greeted all of them & said "hope we will meet soon"(for this god damn line that I had spoken there I was tensed till the result haven't arrived)

Ibm: yes definitely we will disclose the result after 8 pm.

That's all Guys.lastly they offered us their T shirts IBM persons are really friendly u cant imagine their politeness & their behavior. IBM seeks students who have DEDICATION, INNOVATION, and TRUST. They require team workers so try to deliver your best cause my this kind of strengths have helped me a lot. BEST OF LUCK & hope "WE WILL MEET SOON in IBM"

Special thanks to all the team members who are associated with this website & constantly trying to help us. Hats of genius.

IBM PAPER ON 16th MARCH AT AHMEDABAD

Hi every body, I got selected in IBM on 16th march

i want 2 share my exprience wit u.my aptitude test started on 10.15am there where 4 section in that 1st foenglish;2nd for analytical abilities,then attention department;then last & 4th section was on computer basic knowladge.the test was easy &we are also provided with the eassy paper to write eassy on 1out of 10 topic in 500 words.then result displayed in 2 hr.

after cracking the apti we where suppose 2 attend interview

in interview

Sir,1stly saw my resum my all my % given in resum.

then ask me question that whet r ur qualities so that we should selectu in IBM?

Then i replied as my self confidence,disipline!!

then they crosses lot on my of confidence

i replied them all time confidently

then they ask me abt my knowladge abt C,C++

but i truely told them that im not perfect in c&c++

then they ask me abt me extra activities other than studies

then replied them con fidently my ans then they told me 2 explain my paper presented in

pune

i explain all things to them

then they ask me abt my family background & all the common things????

at last mw interview come 2 end in 20min i was little confident abt my selection & same thing happen I GOT SELECTED

just i wan 2 tell u that be confident at time of interview in IBM give all correct information to the sir taking interview u will select in IBM.
they are there 2 select u nt 2 reject

IBM PAPER ON 23rd FEBRUARY

Hi every body, I got selected in IBM on 23rd.

I want to share my experiences with you. During the aptitude exam we had very less time. So time management is an imp factor. The apti consisted of 4 sections. The 1st was English reading & Comprehension ability test. There were prepositions which were quite dicey and articles. Then there was a comprehension passage on 2D & 3D CAD design. The second part consisted of numerical & logical ability in which there were questions on number, time ranking test from RS Agarwal, set theory, Binary, Blood relations and few problems which were very easy. 3rd part was attention ability test. Questions were from decision making, mathematical operations i.e. if + stands for *, / for - etc. Fourth part was on Computer fundamentals. Those who are from IT/CSE have an added advantage here, but as I'm from ECE I had a bit of problem. I played a bit of tic tac toe here as there was no negative marking. Guess I was a bit lucky here. It might sound easy but remember we were running short of time and cut off per section was very high about 50-60%.

Interview Questions:

1. Where is your résumé? Sir invigilator stapled it with my ans sheet.
2. Introduce yourself.
3. Why do you want to switch to S/W industry? More opportunities.
4. Write a program in C to sort a list of numbers in descending order.
5. What is static & dynamic logic?
6. Differentiate b/w analog & digital communication.
7. What's Bi-CMOS?
8. Why do you think we should recruit you?
9. Which is the last book that you have read?
10. Tell me something about the book?
11. Which is your preferred location?
12. Are you ready to relocate?
13. Do you have any questions for us?

By,

Ruchira Kar

IBM PAPER ON 15th FEBRUARY AT HYDERABAD

Hey Friends , Here `s my experience for the IBM

ROUND 1

It consisted of 4 sections :

Section 1 Verbal :

This section contains only 10 ques: out of which 5 are to be solved from a passage....(approx 100 words) Try to do at last The remaining 5 ques will be based on Preposition or sentence completion

Section 2 : Aptitude :

It consisted of 25 ques :: Ques on binary conversion were there :

If \$ represents 1 and * represents 0 , then evaluate , \$\$\$+\$**-*\$

Ques based on Probability

Ques based on If 10 can speak Hindi and Eng , 20 can speak hindi and Telegu , 25 can speak Telugu and Bengali ..Find how many can speak only HInd

Section 3 :: Attention To Detail (10 Ques)

Find are these alike or not

XXXLUJJK , XXXLUJJK , XXXLUJJK

Be carefull for these ques as person in a hurry tend to do these scoring ques wrong

Section 4 Computers and Fundamentals (10 Ques)

Small C prog will be given and tell its output

Ques on ER Diagram

Ques on chmod 755

some more on Unix and DBMS

Out of 55 ques , try at least 35 ques should be correc

ROUND 2

After that they Called for Tech Interview and in that they will ask from ur Project if u r an experienced candidate .. otherwise they will stick to ur basics

ROUND 3 HR

Tell abt urself which is not mentioned in ur resume

Why IBM ?

Sell urself , Why should we recruit you when so many candidates are ther

Why do u wanna leave ur previous company ? ?

Dont mention any negative comments abt ur previous company

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What do u expect from IBM ?

List all 48 subjects throughout ur engg ??

Tell any three good things abt ur college ..

They will ask u abt relocationInitially say anywhere through out the globe and u can speak ur prefernce once u smell the victory

Try to be cool and maintain a proper eye contact wth the interviewer with smile on ur face.. SO finally out of 1000 candidates , 272 quallified the first hurrdle and finally 100 got selected ..

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