

IBM PAPER ON 21st SEPTEMBER AT MADHURAI

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 are from number series. Total number of questions are 20. Time limit is 4 minutes. There are 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 you should be very quick....time is very very very important for this section. Friends don't get confused. Really very simple section and one more thing is the invigilator signals time every 30 secs. Don't feel tense with that just go with your work..

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

Ans....21

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

Ans.....44

EX: 40, 42, 42, 41, 41, 42, 44, 44, ____

Ans.....44

SECTION-3

Negative marking ($1/4$) is there for this section.

Analytical type Questions. This section is a little bit tough. You must have practice to do this section. Questions: 12. Time: 15 minutes. Negative marking ($1/4$) is there for this section.

1. If a company produces 15 different models of TV sets of 2 inches screen and 4 different models of 4 inches screen size. Then how many models should the vendor have for all the models so that all models will be displayed in the showroom.

2. If a team consists of 20 members in which 20% are mathematicians then how many members should they hire so that the ratio would become $10/11$.

(Similar Question) 20% of 30 professional are mathematicians. How many mathematicians should they hire so that the ratio will become $10/11$.

3. The rate of color toner increases \$33 to \$35 and rate of black & white toner increases \$28 to \$29. If a company spends \$1540 in which $3/5$ is color toner then how much is the total expenditure after the cost hike.

4. A computer shop consists of 3 brands of laptops. Laptop of brand A is sold $3/16$, B is sold $1/16$ and C is sold $3/4$ 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 week 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 costing 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 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 sentences 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.

IBM PAPER ON 18th SEPTEMBER AT BHOPAL

The pattern was

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.]

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4 A computer shop consists 3 brand's altop .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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The server will pronounce some jumbled words and u have to make sentence from that

U can't add ur own words/articals/adjectives and all to make the sentences. u have to use only the sentences 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?

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 magt. 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 bet. tcp/ip and osi

The written paper contains 55 Qns to be answered in 1hr.

It contains the Qns on verbal ability, Aptitude, reasoning, Attention details and technical.

The verbal ability includes the following Qns.

I got _____ in traffic so got late (struck/struckup/hold/.....).

Mr Benerjee the officer of was questioned _____ (for ,with,on,to) his connection regarding the murder.

The proteins present in ____ apple , ____ banana, _____ Egg are very essential
We have to fill the blanks with a, an or the (ans: an,a,an)

A Qn was asked on the meaning of underlined word
Here the word is **Therapeutic** .

Miss X (some name is given) given a speech on _____ bank of _____ river kaveri regarding _____ abilities of the women . like that the Qn goes here also they have given the options like

- 1 a, an ,the
- 2 the,the,a
- 3 a, the,a
- 4 the, the, the

ans:4

there is an essay abt the ATM behavior and usage ,security mechanisms ,connectivity, technology used like that .

Qns are asked as follows.

1. how an ATM is connected to net.
2. what the operation not mentioned in the passage
a. with drawl b. deposit c. donations to charities d . amount transaction btmm accounts
3. which of the following is false.

some time s Atm are un reliable.
They are connected through modems.

.....

-
3. which is not a possible error regarding ATM.
a. mechanical error b. s/w error c. i/p error(the answer depends on the passage and actual errors given)
 4. why ATM s are kept in shops
a. because there is no chance of theft there
b. no space in banks.
c. there will be more no of people.

.....
Then csome Qns are on venn diagram models

Like

- 1 . In a party 10 take only tea 15 take tea and 8 take only coffee then what is the number of persons take either coffee or tea.(nos are not exact).
2. In a college there are students who can play either football or cricket or both.

500 play cricket 220 play both and 600 play football .what is the total strength of the college.

Like this there are one or two more Qns... they r also easy and simple

Then now real IBM pattern starts. It also will be easy but needs a little bit of practice other wise u should have high spontaneous analyzing capacity.

Some 3 Qns are given with instructions like : given three strings check which of them are same ans: A if all are same, B if 1&2 are same, C if 1&3 are same, D if 2&3 are same, E if all are different

Strings are given as

1. a. 66749384879456 b. 6674934879456 c. 6674934879456
2. a. XIVIIMIVIIIIVIXIV b.XIIVMIIIVXIVIIIIV c.XIVIIMIVIIIIVIXIV

3. a. 34523897346579 b.343647654869679 c.346548364874379

Three Qns are given in the following model:

1.If + is replaced by *,* is replaced by -,- is replaced by / ,/is replaced by% nad % is replaced by + then what is the value of the following expression.

$$25-3+32/5\%2$$

Some options will be given u have to choose correct answer. (all the digits are not same)

Next two of the same model but they are giving 4 expressions like above we have to find which one is correct.

- Like: a. $35-2+4/3\%42=35$
b. $25+4-5\%6*7=28$

.....

.....

Like this they r giving 2 Qns. This seems to be some what risk just increase the speed of calculations .

The remarkable Qn of IBM is on cubes, in this imagination plays major role.

Given a Qn like this: there r three cubes arranged side by side

Each cube is divided into 64 cubes then top most layer of second cube is removed and top two layers of third cube are removed.

And then total volume is painted

1. what is the number of cubes painted on 1 face , 2. two faces, 3. three faces , 4. four faces , 5. no face.

This qn needs more imagination or u have to know the answer well before for this particular qn.

Some Qn s are given on data sufficiency here also analysys plays major role.

There r some 4 or 5 Qns in this model

Like a can do a worked for 5 days and b worked for 7 days how many days they taek to complete the worklike that .

There r 3 more qns on relations ship btn numbers , on the solving of eqns.

Then we can have some Qns on technical

One Qn on c, one Qn on UNIX, one on RDBMS , on on processors like that total I had only 6 to 8 Qns

Qns are like this : what is the o/p of `printf("%d",printf(ram));` ans:ram3

What is the command to kill or stop a process in unix (kill,stop,terminate) .

ans : kill (check it out)

Unix is what kind of OS (multiuser and multitasking).

Like that some what easy Qns we can get.

In this written test I got 42 out of 54(one Qns is not printed well so they asked us to leave it) I saw it when they are pinning my resume to my applcn form and answer sheet.

The process is very simple ibm peoples are very sopportive . RS agarwal is good to study for written round

i am an electronics and communication students basics off c and C++ is must don get afraid only basics is enough even i don't know how to write programs. be confident have faith in god...

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Ans....21

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Ans.....44

EX: 40,41,41,42,42,42,44,44,___

Ans.....44

here usually two number series will be mixed it very easy but should identify it

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Ans $\frac{1}{16}$

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Ans : 76.00

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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.

$L=4$

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--here questions will be almost simillar to above but data will be changed.