

## Placement paper of IBM - Sep 03

hai

I wrote IBM paper today ( 29th sep 2003)

at PESIT, Bangalore

2 Sections

1. Aptitude

2. Technical

Time : 60 mins

both papers will be in our hand initially, so we can divide time in whatever 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 goes 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.

that's 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 i 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  $8+4+4+2+2+1+1+0.5+0.5+\dots$  and etc ..

answer is not 20

10. like 6 cubes are arranged adjacent 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 you 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 problem 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 initially division value

ans: 18 (sure)

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

ans: 63 (check it)

18. like A can do in 6 days 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 should work

ans: 11 ( i don't think so this is correct)

Technical

1. what is vector processing

ans: i don't know

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 packets are flowing unnecessarily what is the way to control

it and ....

options: SNMP, and some i don't 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 equivalent 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's 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 integer (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 spooled device

ans: printer(correct)

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

20. 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 branch students.

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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.

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and the pay package is 2.75 lakh per annum.

the cut off is 30

final word: don't go blindly with this answers to exam conform all the answers

and then share this paper with all of your friends. they (IBM) need people badly

so if all of your friends do well all of you will be in .

Interview:

it depends upon the Panel

be perfect with your 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 )

2. how many stones did hanuman thrown on Lanka? ( different but of same type)  
and one more how many trees are there in ur campus ...  
ans:

don't say i don't know

say some no for ex 1000 and say i.e correct . they won't say anything for that

because it is not possible to disprove that .

3. why IBM

and etc .....