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cognizent
>> >
>> >PAPER
>> >
>> >1. A says " the horse is not black".
>> >   B says " the horse is either brown or grey."
>> >   c says " the hoese is brown"
>> >   At least one is telling truth and atleast one is lying. tell
>> the
>
>> colour
>> >of horse.
>> >
>> >
>> >Answer : grey
>> >
>> >
>> >2. A son and father goes for boating in river upstream . After
>> rowing
>
>> for 1
>> >mile son notices the hat of his fathe falling in the river.
>> After 5
>
>> min. he
>> >tells his father that his hat has fallen. So they turn around
>> and are
>
>> able
>> >to pick the hat at the point from where they began boating
>> after 5
>
>> min.
>> >Tell the speed of river.
>> >
>> >Ans...6 miles/hr
>> >
>> >
>> >3 A+B+C+D=D+E+F+G=G+H+I=17 where each letter represent a
>> number from
>
>> 1 to
>> >9. Find out what does letter D and G represent if letter A=4.
>>
>
>> (8
>> >marks)
>> >

```
>> >ans.   D=5
>> >        G=1
>> >
>> >4. Argentina had football team of 22 player of which captain is
>> from
>
>> >Brazilian team and goalki from European team. For remainig
>> palayer
>
>> they
>> >have picked 6 from argentinan and 14 from european. Now for a
>> team of
>
>> 11
>> >they must have goalki and captain so out of 9 now they plan to
>> select
>
>> 3
>> >from argentinian and 6 from European. Find out no. of methods
>> avilable
>
>> for
>> >it (2 marks)
>> >
>> >Ans : 160600( check out for right no. 6C3 * 14C6)
>> >
>> >
>> >5 Three thives were caught stealing sheep, mule and camel.
>> >  A says " B had stolen sheep "
>> >  C says " B had stolen mule"
>> >  B says he had stolen nothing.
>> >   the one who had stolen horse is speaking truth. the one who
>> had
>
>> stolen
>> >camel is lying . Tell  who had stolen what? (5 marks)
>> >
>> >ans. A- camel
>> >     B- mule
>> >     C- horse
>> >
>> >6  a group of friends  goes for dinner and gets bill of Rs 2400
>> . Two
>
>> of
>> >them says that they have forgotten their purse so remaining
>> make an
>
>> extra
>> >contribution of Rs 100 to pay up the bill. Tell the no. of
```

>> person in
>
>> that
>> >group. (3 marks)
>> >
>> >
>> >Ans – 8 person
>> >
>> >
>> >7. In acolony there are some families. Each of them have
>> children but
>
>> >different in numbers.Following are conditions
>> >   a> no of adult>no of sons>no of daughters>no of families.
>> >   b>each sister must have atleast one brother and should have
>> at the
>
>> most
>> >1 sister.
>> >   c> no of children in one family exceeds the sum of no of
>> children
>
>> in the
>> >rest families.
>> >
>> > Tell the no of families.(5 marks)
>> >
>> >
>> >ans : 3 families
>> >
>> >8.There are 6 people W,H,M,C,G,F who are murderer , victim ,
>> judge ,
>
>> >police, witness, hangman. There was no eye witness only
>> circumtancial
>
>> >witness. The murderer was sentenced to death.
>> >Read following statement and determine who is who.
>> >
>> >1. M knew both murderer and victim.
>> >2. Judge asked C to discribe murder incident.
>> >3. W was last to see F alive.
>> >4. Police found G at the murder site.
>> >5 H and W never met.
>> >
>> >(8 marks)
>> >
>> >
>> >
>> >The above mentioned questions are of 37 marks rest I don't

>> remember
>
>> >as they had no of condition. One which mentions about
>> hundustani music
>
>> ,
>> >Gazals ect. is tobe solved through venn diagram. Its of 8
>> marks. and
>
>> >another was grading 5 student which was of 5 marks.

PATNI NEW:-->>99-->>
_____

  1.what is the angle between teo hands of a clock when time is 8-30
ans:75(appro
  2.a student is ranked 13th from right and 8th from left.how many are
  there(similer)
  3.a,b,c,d,e,f are arranged in a circle b is to right of c and so
on(rs
aggrewal)
  4.chain rule(work&time)
  5.puzzle test.some data is given and he asked three qustions
below.based on
data
  we have to answer.
  6.six questions on venn diagrams.
  7.5 years ago sum of ages of father and son ans:40,10
  8.assertion and reasoning 1.clouds 2.capital city of dweloped
corentira ans
for
  both is :a
  9.man walks east & from turns to right & from to left &then 45degree
s
to
  right.in which direction he went ans:north west
  10.aa-b-bb-aaa-
  11.96,85,....(a series with diff 11),3,15,45,....,total 3 questions
are
given on
  series
  12.a student got 70% in one subject,80% in other.to get overall 75%
how much
he
  should get in third subject.
  12.a news pwper must have a.news b.advertizements 3.editor 4.date
5.paper
  13.if clouds are air, air are water and so on where birds fly?
  14.press,cinema,tv ans:mass media

15.3 qustions on rs aggrewal relations i.e first few chapters of
aggrewal(english)
16.a man showed to a woman sitting in a pack & told to his friend.sh
e
is
the
daughter of my grand mother only son ans:daughter

group disscussion topic
1.if you become muncipal corporater what steps you take to develop
your
area.
2.if you become administrative officer of this university what steps

you
take to
improve standards.
3.tell what are the seven problems in calcutta and solutions to
problems?
4.abortion is legal or illegal
the following two topics are omportant they asked the same topics to

many
students by changing the numbers

5.in 2050 a nuclear disaster has ocurred and 50 persons are
saved.which are
of
age above 15.of them 20 know 6 subjects and you have to choose only
3
of
six
subjects so that resticted resorces can used for future
subjects are 1.enggineering 2.medical 3.law 4.social sciences 5.life
sciences
6.----
6.in space ship 5men are going1.docter,drug asdditive 2.lady lawer
has done
crime 3.teacher emotinally imbalanced
4.18.18 year old aeruonautical engineer 5. noble lauraut .suddenly
some
thing
happend
and oxygen is avaliable to only three people to use which of three
you
choose

interview

here they asked only personal.relating to what you have written in

sychometric
  test
  and some puzzles
  one puzzle is 10 machines are there only one is defective iteams are

coming
out
  how tdo you find out which is defective
  second: *
  * * how do you reverse this in two transitions
  * * *
  * * * *
//////////////PATNI NEW OVER at jadavpur 99////////////

S
>   ======
>
>
> // This is another paper, we don't have this paper as such, I am
>giving
> // over all idea of paper with some question...
>
> // There r 5 sections; 5 questions in section1, 5 in section 2
> // 8 marks in english (section 3); section 4 TRue or False type
>
>/***
> Section1:
>
>   5 questions.. (Mutiple choices)
>
>   i.e select any one of the following for 5 questions;;
>
>   A) only 1 is sufficent
>   B) only 2 is sufficent
>   C) both nessary
>   D) both are insufficent
>   E) either is sufficent
>
>
> 1. .... (Don't know)
>
> 2. one composition contains... 5/4 L 6/14 L....
>
>   (Ans. both r insufficent)
>
> 3. x fabric.... 6.50 per meter , 25% wholesale...
>
>   (Ans: both r required)
>

```
>   4 & 5 don't know....
>
>/***********************************/
>
>Section 2  (Analitical...)
>
>    1. Average 3years 45,000, 1st 1.5 times, 2nd 2.5 times..
>
>      (Calculate in this way...   (x+1.5x+2.5x)/3 = 45000  i.e 5x/3 =
>45000 )
>       then calculate required value...)
>
>    2. Three vehecle speed ratio 1:2:3 & time ratio 3:2:1...
>       Distance ratio ??
>
>      (Ans: 3:4:3..  check once)
>
>    3. some km/hr problem...
>
>      (Ans: 150 km/hr)
>
>    4 & 5 don't know....
>
>/*********************************/
>
>   Section 3 (English - 8 marks.. mutiple choice..)
>
>    Don't know...
>
>/****************************/
>
>   Section 4  (True or Flase type..)
>
>    1. Square contains all angles , one object does not contain angles
;
>
>     1.1 True
>     1.2 False
>     1.3 True
>

philips - 99


Section 1 - Electronics and Mathematics - 20 questions
section 2 - Computer Science
section 3 - Aptitude

Electronics and computer science
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1. A circuit was given with lot of flip-flops etc and the operation of
that
circuit was asked.
2. 15 software functions are there. It is known that atleast 5 of them
are
defective. What is the probability that if three functions are chosen
and
tested, no errors are uncovered.
Ans : 10 * 9 * 8
       --   --   --
       15   14   13

Computer Science
1.Java is
a) Multithreaded b) intrepreter c) compiler d) all of the above

Ans :d
2. The number of nodes in a k-level m-ary binary tree is :

Aptitude
A graph was given and questions regarding shortest path was asked.
For one question shortest path was asked and the answer is none of the
above.
Overall the question paper was easy.

I will try to mail u the entire question paper.

Interview:

HR questions:
1.What is your strengths and weaknesses
2.What are the values u respect
3.Site a reason why philips should hire u
4.What will u do if u are asked to manage a project which will
definitely
skip its deadline.

Technical (for me)
1.What is runtime locatable code?
2.What is volatile, register definition in C
3.What is compiler and what its output.