```
------------------------------------------------------------------
                             MASCOT
------------------------------------------------------------------
```

   this test contains 2 papers
paper1=aptitude-30min-44questions
contains 3 sections
paper2=computer skill-30min-60questions-6sections-10questions each
----
paper1
----
section1
----
 i do not remember the q's.simple quantitative apt. q's.
but takes more time ,do fast.
section2

  1-8 q's on bus route.   a   b   c   d   e
                       a   x   8   15   20   7
                       b   6   x   9   13   21
                       c   10   12   x   3   11
                       d   9   1   18   x   5
                       e   3   4   17   14   x
 where x is starting point.a&e are first and last stations.and b,c,d
are intermediate stations. fig's are no. of passengers.cost of ticket
is 0.7Rs /pass.
between any successive stations. based on this few q's were given.
the fig's
are not correct. q's like total no.of pass.in onward journey.
Rest of q's are
 2 statements were given. u have to answer they are correct or not
.littlebit
easy.
section3
----
simple q's from r.s agarwal_quantitative apt.
1.1/10power18 - 1/10power20 .....value?
2.pipes-leaking-cisterns.
    paper2

 1.general awareness.2.
1.father of computers
2.expand HTML,DMA,FAT,LAN,WAN,FDDetc
3.intel's first micropro...a.pentium b.pentiumproetc
4.1024(dec)convert to hexa&octal
5.first micro.pro.a)8085b)8088etc
6.motorola's processor name?
7.windows_NT expand
8.simple programs on pascal&c
9.diff between 8087,8086 (which is latest vers.)

10.some basic q's on GUI.
11.q's on IBMpc
12.one program on finding factorial
 ----
i remember only these q's. i will ask my pals about rest of q's.i
want to know
when mascot is coming.they have taken 14 from here. most of them are
mech.&ime.

VERBAL

1.Depreciation: deflation, depression, devaluation, fall, slump

2.Depricate : feel and express disapproval,
3. incentive : thing one encourages one to do (stimulus)

4. Echelon : level of authority or responsibility'

5. Innovation : make changes or introduce new things

6. Intermittent : externally stopping and then starting

7. Detrimental: harmful

8. Conciliation : make less angry or more friendly

9. orthodox: conventional or traditional, superstitious

10. fallible : liable to error

11. volatile : ever changing

12. manifest: clear and obvious

13.connotation : suggest or implied meaning of expression

14. Reciprocal: reverse or opposite

15. Agrarian : related to agriculture

16. vacillate : undecided or dilemma

17.. expedient : fitting proper, desirable

18. simulate : produce artificially resembling an existing one.

19. access : to approah

20. compensation: salary

21. Truncate : shorten by cutting

22. adherence : stick

23. Heterogenous: non similar things

24. surplus : excessive

25. Assess : determine the amount or value

26.Congnizance : knowledge

27. retrospective : review

28.naive : innocent,rustic

29. equivocate : tallying on both sides, lie, mislead

30. Postulate : frame a theory

31. latent : dormant, secret

32. fluctuation : wavering,

33. eliminate : to reduce

34. Affinity : strong liking

35. expedite : hasten

36. console : to show sympathy

37. adversary : opposition

3. affable : lovable or approachable

39. Decomposition : rotten

40 agregious : apart from the crowd, especially bad

41. conglomaration: group, collection

4. aberration: deviation

43. aurgury : prediction

44. crediability : ability to common belief, quality of being credible

45.coincident: incidentally

46.Constituent : accompanying

47. Differential : having or showing or making use of

48. Litigation : engaging in a law suit

49.Maratorium: legally or offficiallly determined period of dealy before
fulfillment of the agreement of paying of debts.

50. negotiate : discuss or bargain

51. preparation : act of preparing

52. Preponderant : superiority of power or quality

53. relevance : quality of being relevant

54. apparatus : applianes
55. Ignorance : blindness, in experience

56. obsession: complex enthusiasm
57. precipitate : speed,active

Section III

Letter Series

These are too tough. Maintain time   26 questions ----- 10min

1. A C BDEFGI   - I H K J L   ANS: H

2. AIZBEYCIXDI - GENJW   ANS;W

3. ADGJMP   - RWTS   ANS; S

4. ABCEFGIJK - MLONP   ANS; M   nOTE: MLONP ARE GIVEN OPTIONS

5. ABFGKLPQ - TSVUW   ANS;U

6 JWXUVST   - QPSET   ANS; Q

7. ARHXYTDTWST   - NPTKR   ANS; P

8.FMBIPZVIEV - IRYOU

9. NZI YCX KWF - JFVMY ANS;V

10. AASASPASPKA - RQTSU   ANS;S

11. AECPS - TRUE ANS;U

12. BBPRDDLNFFIK - HQJIK   ANS'H

13 AZEXIVMT - RQNSO   ANS: Q

14. ABDGKP - LIWUX   ANS:U

15. BCDAEGHIFJLMN   LKNMO   ANS: K

16. XWEFGVUHIJK - PNSRT ANS: T

17. ODJTOPQNOERT - QOUVW   ANS;O

18. PRNUUPEJRBB - HVUNE ANS: E

19.LULMGMNFNPS - ONQPS ANS:P

QUESTIONS ARE NOT IN SEQUENCE.

NUMERICAL

1.420% OF 7.79 = 32.718

2 3427 / 16.53 = 202

3. 10995 /95 = 115.7365

4. 43+557-247 =353

5. 3107*3.082= 9591

6. 48.7 + 24.9 - 8.7 = 64.90

7.525.0/47.8 = 11
8. (135-30-14)*7 - 6 +2 = 3
9.3/8 * 5.04=1.89

10.697 /219 =3.18

11.8/64 +64/16 = 4.14
12.298*312/208 = 453.54
13. 0.33 *1496 /13 = 37.98

14.0.26 + 1/8 = 0.385

15.66.17+1/3= 67.03

16. 2.84+1/4= 3.09

17. 33% OF 450 = 148.5

18. 907.54 / 0,3073= 3002

19.tHERE ARE two categories of persons in ratio A, b i.e.A:B = 2:3 A type
earns 2.5 dollars/hr and B type 1 dollar/hr total money earnedby both

is
24dollars. then total number of persons

Ans: 15

20.Question not clear

Slowing running – n hours – A

Medium running –   B

fast running –   k hours – c

Ans: nA+kC

21. Tottal balls z,red balls N remaining are blak balls,then %of black balls equal to Ans: z–n/z*100

22. Multiplication three digits and two digits number will result the

Ans: HInt: four digit number first number must be one.

23. A= C;B=2D what should be do to make the ratio same. i.e.a/b = c/d

Ans: multiply A by 2

24. P– Total number of compoentns

Q= defective number of compoentns

%of non defective equals to p–q/p*100

25. Cost of article x,first discount is y% of cost, seconddiscount is z%
of cost . The price of x is

Ans: x(1–y/100)(1–z/100)

26.Prime number   a) 119 b) 115 c) 127 d) none   Ans: C

27. A/B = C;C>D then

Ans:A is always greater than D

28.B>Cand A<Cwhich of the following is larger

Ans: (A+B)C

29. H hours – S salary; xhours – Medical leave, then salary/hr = ?

Ans: s/H-x

30.(1/6of 596) /(0.695) = 142

31.All dogs are cats

All rats are dogs

Ans:all rats are cats

32.35-30+4/7-5+1 = ?

Ans: 3

33.10995 + 95 = ?
Ans: 11090

34.Salary 'S' per month,1 type of tax is xRs. second type of tax is y
Rs
then % of take home.

Ans: s-(x+y)/s * 100

35.All physicians are browns

All balancians are physicians

Ans: not know.

36. B>A then which expression will be highest value

Ans: AB

37. K,L -- Men ;X, Y -> Ans:kX + Ly

38. If A,B are same number, which one of the following doesnot satisfy
this Ans: A*B/B**2

39. X- bulbs'; y – broken; % of non broken bulbs Ans: x-y/x*100

40. Adding X, Y to A equals to Ans: a (large expression)

41.Salary s permonth, tax x% of the salry, r% of salary is deducted
what
is the income.

Ans: s*(1-(x+R)/100

42. Add three digits and two digits numbers the first digit is

Ans:1 (four digit number starting with one)

43. 0.512 * large number = ?

Ans:divide the given number by 2

44..In 10% balls 5 are defective, % of defective

Ans:50%

45.6.29% of 2.8 = 0.18

46.0.398*456=181.49

47.0 < x<1 which is greater

a) 1/x**2   b) 1/x c) x d) x**2

Ans: a

48.c = a/b; a-1 = c, what is the relation between a and b

Ans: b = a/a-1

49.The sum of 7 consecutive odd numbers interms with 27 asfourth numbe
r

Ans:189 (question not clear)

Verbal time is enough. But for numerical and letter series,timeis not
enough.

So here Iam giving flow chart answersin sequence. These answers are
perfectly in sequence,donot worry, youcan keep these answers blindly.

There are 7 flow charts we know only 6 flow charts answers.

Donot thinkabout these answers are correct or not , these are 100%

correct. We tested here.

1.   D   B   A E   C

2.   D   E C E   C

3. C B D B D

4. D B D C B

5. C E A D E
6. B C D A D

In hurry, I typed. Please cooperative.

Model :

Section 1 synonyms :

section 2 numerical ability :   26questions 8min

section 3 letter series : 26 questions 10min

section 4 reasoning type : 14 questions 20min

setion 5 flow charts : 7 questions 35min

Each sectionis having separate time. I could not complete letter
series,
numerical ability questions in time. Flow chartssection i kept within
5
min afterwards I cam back. If they see I will fuck you. So be care.

Group discussion topics:

1. Brain drain: i.e. related to why immigration to U.S; I opposed
partially and supported partially

2. Electronic media effect; Internet, TV ,Email multimedia

        G.D they won't eliminate so many people. but you have
participate
with enthusiasm.You talk something. Interview as usual, stereoscopic
questions.like TCS.

I went upto interview, afterwards out.

BEST OF LUCK. If you want any help always welcome.

A.V.Rao

 I am adding some question which are not above. these question are
regarding flowcharts.
Instrctions:
1) There are 7 flow charts & each has 5-6 blank rectangles/diamonds
with
subquestion no. in rectangle/diamond. you have to fill the blank from
the
5 options given against respective question no.
2) You have to understand the logic & then it is very easy to fill the
blanks.
3) they had provided some information which you have to use for gettin
g
answers.
Flow charts:
1) there are 3 boxes of 3 balls each. you have to select the heaviest
among all.

```
          <select box 1&2>
                |
          <is wt.1=wt.2>--No----(is wt1 > wt.2)--No--(select box2)
                |                      |                      |
              Yes                    Yes                      |
                |                      |                      |
          select box 3          select box 1                 |
                |                      |                      |
                |----------------------|----------------------|


                |
        select two balls
                 |
           is wt.ball.1 = wt.ball.2 --- No --  is wt.ball.1> wt.ball.2 -
-
No
                    |                                        |


    |
                  Yes                                      Yes


    |
                      |                                        |
ball.2
```

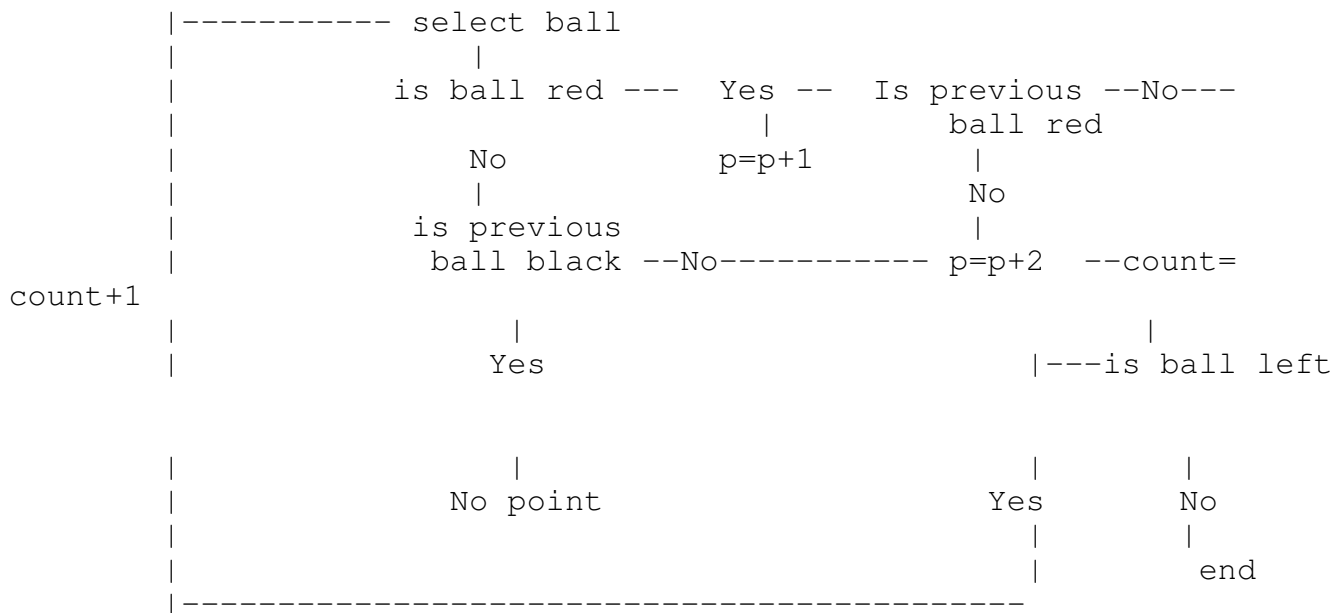   ball.3 is   ball.1 is   i
s
                heaviest   heaviest
heavist

 so there will be some blank in this flow chart and u have to fill up
the
blanck with correct option.

Q2)
     there are red and black balls. if ball is red then one point. if
ball is black and previous ball is red then two points. For winning u

have to get seven points. No point for same color consecutive balls.

```
          |---------- select ball
          |              |
          |          is ball red --- Yes -- Is previous --No---
          |              |                      ball red
          |            No            p=p+1          |
          |              |                          No
          |          is previous                    |
          |           ball black --No---------- p=p+2  --count=
count+1
          |              |                              |
          |             Yes                         |---is ball left


          |              |                     |        |
          |            No point               Yes      No
          |                                    |        |
          |                                    |       end
          |--------------------------------------
```


Q3)
        Classify objects in class A, class B and scrap. for classfing
u
have to do diffrent test such as weight, material etc. and Flow char
for
this ques. will be there along with some blanks.

Q4)
      There is production process in which action depend on temprature
and
pressure. and there are temp. and press. controls.

Q5)
       find max. and min. of the 12 nos. there will array and u have t
o
arrange the numbers in assending/ descending order and find out max.
and
min.

Q6)
      diffrent age group are given and also diffrent salary slabs are
given. so depending on the salary group as well as his group u have t
o
fill the person in particular class. (ques. is not in exact form.)

one ques. do not remember.