

iGATE Company Profile



iGATE Corporation is an information technology firm headquartered in Fremont, California which provides complete end-to-end services that integrate Consulting, Technology, and Business Process Outsourcing & Provisioning. They have several years of experience across different industry verticals at an international level and a strong understanding of the diverse business challenges faced by global enterprises. This coupled with thought leadership in IT based Business Process Outsourcing has contributed to the development of the iTOPS Solutions Model. This model enables iGATE to provide a delivery model with outcome-based pricing and ensures that

Founded: 1996

Headquarters: Fremont, California and Findlay Township, Pennsylvania

About The Recruitment test :

The recruitment test consists of 4 rounds.

- 1) Written test
- 2) Technical round 1
- 3) Technical round 2
- 4) HR round

June 2008 Placement Paper

There were actually four rounds they are

- 1) aptitude (English and aptitude)
- 2) technical 1 interview
- 3) technical 2 interview
- 4) HR

APTITUDE

There were actually 50 questions in 50

Have never seen such a easiest question paper in my life. There were 4 sets of question paper. no negative marking

1-20 english passage----- 5 Questions (very easy direct answers)

article

preposition

correct the sentences

jumbled sentences

analogy (easy)

2 synonyms (not gre)

2 antonyms (not gre) just basic words

20-50 verbal & non verbal + aptitude

17 questions from verbal & non verbal

sylogism --- 2 question

image question ---- two images were given and they are overlapped

...

data interpretation -- tabulation question

coding & decoding

13 questions from aptitude

They were from ratio & proportion, time and work, compound interest, upstream and a downstream sum, average, time and distance, probability, S.I. from R.S. agarwal
some question like

1) product of three numbers is 30,000 and they are in ratio 2:3:9 find the largest number

2) milk and water are in ratio 5:7 some more milk added (i don't remember the exact value) the ratio became (i think) 6:7 what is amt of milk after adding

3) upstream and downstream sum. (speed of boat in upstream and down stream were given find speed in still water)

4) average sum (simple) like average in first 12 and last 12 . find the 12 number

5) compound interest (QUARTERLY INTEREST)

6) $x + 6756 = 347 * (567 + 908)$. find x (value not sure)

7) $22^2 * 33^3$. find the last digit of the result others i don't remember look the some previous year question from previous pattern (15 question pattern) for aptitude that's enough

They told 30 was the cut-off. they also had sectional cut-off (8 for english and 12 for apti). The paper was so easy.....i think they had increased cut-off because the no. of students cleared the first round was less....Totally 700 students from pondichery university affiliated colleges attended the test. 87 were shortlisted. i was one among them. The apti was conducted on 25 june 2008 and other rounds on 26th june

TECHNICAL:1

- 1) my area of interest was oops so question were asked from that
- 2) virtual function was asked with coding
- 3) a c program was asked
- 4) a sql query was asked
- 5) question from my mini project & paper presentation
- 6) question from stack and queue
- 7) linked list
- 8) difference between c++ and java (ans. platform independent)

i cleared my Technical 1

Technical:2

- 1) tell abt myself (i got stuck while answering)
- 2) question from my project
since i know french language.....they asked me to talk in french...since i got stuck while answering tel abt my self i thought i will be eliminated.....but French saved me.....

HR:

Lots of questions asked like

- 1) abt my family
- 2) why igate? what abt ur previous company that u attened wat was the reason u were not selected(i said i dont want to be one in one lakh) hr was impressed by my answer
- 3) do u watch news? wat channel
- 4) do u read books
- 5) hobbies
- 6) my adaptibility

May 2010 Placement Paper

Question paper has 4 sections

- 1) verbal (25)
- 2) quantitative (35)
- 3) analytical ability (25)
- 4) technical (8 q's)

1) a bag contains 4 white balls, 5 red balls, 6 black balls. what is the probability that select 3 red balls from the bag ?

Ans: $\frac{2}{91}$ (which I had got and ans present in the options)

2) In a village there are 8000 people. 6% men and 10% women were added. then population becomes 8600. what is the total no. of men present in village?

3) From the word ASPIRATION, what is the probability to select an vowel?

4) Arrange the word CORPORATION in such a way that all the vowels come together. what is the probability?

5) 6, 7, 5, __, 4, 9. Fill the series.

6) TO:RVMQ:LWY: __

7) $\log\left(\frac{a+b}{3}\right) = 0.5(\log a + \log b)$. what is the relation between a & b?

8) $a=2, b^2-1=ab$. find $\log(a^3+b^3)$ to the base $(a+b)$.

9) a bag contains 3 black balls, 3 yellow balls. A girl picks a ball and place it back in the bag. what is the probability that she selects a black ball always ?

10) A boy chooses a number x. He finds that square of x is less than x. what is the range of x ?

a) $x > 1$

- b) $x < 0$
- c) $x > 0$ and $x < 1$
- d) none of these

11) A number x when divided by 13 leaves a remainder 12. What is the value of $(x)^{13}/13$?

12) 81, 41, 42, 64.5, ____, 330.

13) A number 'a' lies between 2 and 3 (including 2, 3). and number 'b' lies between 4 and 6 (including). What is the minimum and maximum value of $a^2 - b^2$?

14) one question on seating arrangementno clear ideabut not so tough....

15) 2 persons shyam and murali start walking from the same point. shyam goes 4m towards east and turns left and walks 4m. murali walks towards 3m west and walks 4m right. What is the distance between them at this point?

16) the distance between 2 points A and B is 100m. 2 persons who are at station A and B start walking towards each other at the same time with the same velocity. one person walks straight the road for 30m and goes left for 10m and goes towards right for 20m from that point. and then goes right and reaches the same road again. now, what is the distance between them?

17) meanings and opposites of these words were asked

- a) product
- b) cite
- c) reckless
- d) disparate
- e) migrant
- f) grisly
- g) trajectory
- h) foolishly
- i) append
- j) mendacious

- k)belligerent
- l)harbinger
- m)hostage
- n)autocrat
- o)prankish

18)the boy fell _____ the cycle

- a)of
- b)off
- c)from
- d)under

19)find error in the sentence....Can i lend your pencil for a minute , please ?

20)2 passages were given...and q's regding dat passage

21)One pipe is 3 times faster dan the other pipe.bothe the pipes working together can fill the tank in 36 hours.wat is the time taken by slower pipe to fill the tank alone?

22)A number wen divided by 8,7,6,5 leaves a remainder 1,2,3,4. find the number ?

- a)3208
- b)3209
- c)3334
- d)3210

23) $\log x + \log y = \log(x+y)$

- a) $x=y$
- b) $xy=1$
- c) $y=x/(x-1)$
- d)none

24) $(a+b)^3 - (a-b)^3 = ?$

ans : $2b(b^2 + 3a^2)$

25) what is the power of 5 in the multiplication ? $90 * 80 * 70 * 60 * 50 * 40 * 30 * 20 * 10$.

26) what is the value of $(1.0816)^{1/2}$

27) $\log_2 = 0.3010$. what is the value of 5^{25} ?

DEC 2010 Placement Paper

1) Written test (verbal- 20 questions , quantitative- 30 questions) time limit-1 hour, i think cut-off is 30/50.

2) Technical HR-1

3) Technical HR-2

4) HR

some questions which i recollect are. But i can't recall the questions.

1) Two age problem will come, for 1 ques ans is 35 years.

2) Answer west. (Question name is stands in left leg for 33) and the next questions it is 2.

Ans: East

3) In relation question they ask which wrong one is. Answer is 1st option (instead of grand mother they mention it as grand father)

4) $7a-3b=40$ and $7b-3a=42$,
Find $a-b$.

5) If the side of the rectangle increases by 10%, find the increased area.

6) Meaning of apposite

7) They will ask 2 questions in figures and 2 in syllogism, 2 in work, 2 in odd man out easy only.

Jan 2011 Placement Paper

Question paper consists of 2 parts

Analytical skills: 20 questions , 20 mins

C Skills: 30 quesitons, 30 mins

Analytical:

1) Complete the diagram:

Four figures will be given, you have to draw the final one

Triangle figure

2) Draw Venn diagram relating rhombus, quadrilateral & polygon

3) In a group of 5 persons A, B, C, D, E one of the person is advocate, one is doctor, one business man, one shopkeeper and one is professor.

There of them A,C and professor prefer playing Cricket to foot ball and two of them B and businessman prefer playing foot ball to Cricket. The shop keeper and B and A are friends but two of these prefer playing foot ball to cricket. The advocate is C's brother and both play same game. The docotor and e play cricket.

a) Who is advocate?

A, B, C, D

b) Who is shop keeper?

A, B, C, D

c) Which of the following group include presons who like playing cricket but doesn't inculde professor?

AB, BC, CD, None

d) Who is doctor?

A, B, C, D

(Same model problem was asked in question paper but professions will be different such as horticulturist, physicist, journalist, advocate and other one. Instead of football and cricket they will give Tea and Coffee)

4. They will give some conditions and asked to find out farthest city in the west (Easy one)?

5. Travelling sales man problem.

Some condition will be given we have to find out the order of station the sales man moves

Sales man moves

(Three questions)

6. +, -, *, /, will be given different meaning

Example: Take + as* and so on.

They will give expression and we have to find the value of that.

7. $3+5-2=4$

which has to be interchange to get the result?

8. We don't have exact problem.

Ex: 8A3B5C7D.

A will be given + sign.

B will be given -sign

Find the value of expression?

9. Find the total number of squares in 1/4 of chess board?

10. 6 face of a cube are painted in a manner, no 2 adjacent face have same colour. Three colours used Red, Blue and Green. Cube is cut in to 36 smaller cube in such a manner that 32 cubes are of one size and rest of them bigger size and each bigger side have no Red side. Following this three questions will be asked.
(In questions paper colors will be different)

11. Two ladies, two men sit in north east west south position of rectangular table. Using clues identify their position?

12. Clock problem.
(One question)

13. All men are vertebrate.
Some mammals are men.
Conclude.

C skills

1. find(int x , int y)
{ return ((x call find(a,find(a,b)) use to find
(a) maximum of a,b
(b) minimum of a,b
(c) positive difference of a,b
(d) sum of a,b

2. Integer needs 2bytes , maximum value of an unsigned integer is
(a) { 2 power 16 } -1
(b) {2 power 15}-1
(c) {2 power16}
(d) {2 power 15}

3. y is of integer type then expression $3*(y-8)/9$ and $(y-8)/9*3$ yields same value if

- (a) must yields same value
- (b) must yields different value
- (c) may or may not yields same value
- (d) none of the above

4. $5-2-3*5-2$ will give 18 if

- (a) - is left associative, * has precedence over -
- (b) - is right associative, * has precedence over -
- (c) - is right associative, - has precedence over *
- (d) - is left associative, - has precedence over *

5. `printf("%f", 9/5);`

prints

- (a) 1.8,
- (b) 1.0,
- (c) 2.0,
- (d) none

6. if (a=7)

`printf(" a is 7 ");`

else

`printf("a is not 7");`

prints

- (a) a is 7,
- (b) a is not 7,
- (c) nothing,
- (d) garbage.

7. if (a>b)
if(b>c)
s1;
else s2;
s2 will be executed if
(a) $a \leq b$,
(b) $b > c$,
(c) $b \leq c$ and $a \leq b$,
(d) $a > b$ and $b \leq c$.

8. main()
{
inc(); ,inc(); , inc();
}
inc()
{ static int x;
printf("%d", ++x);
}
prints
(a) 012,
(b) 123,
(c) 3 consecutive unprectiable numbers
(d) 111.

9. Preprocessing is done
(a) either before or at begining of compilation process
(b) after compilation before execution
(c) after loading
(d) none of the above.

10. printf("%d", sizeof(""));
prints
(a) error
(b)0
(c) garbage
(d) 1.

```
11.main()
{
int a=5,b=2;
printf("%d", a+++b);
}
```

- (a) results in syntax,
- (b) print 7,
- (c) print 8,
- (d) none,

12. process by which one bit pattern in to another by bit wise operation is

- (a) masking,
- (b) pruning,
- (c) biting,
- (d) chopping,

13.value of automatic variable that is declared but not initialized will be

- (a) 0,
- (b) -1,
- (c) unpredictable,
- (d) none,

```
14. int v=3, *pv=&v;
printf(" %d %d ", v,*pv);
output will be
```

- (a) error
- (b) 3 address of v,
- (c) 3 3
- (d) none.

15. declaration

```
enum cities{bethlehem, jericho, nazareth=1, jerusalem}
```

assign value 1 to

- (a) bethlehem
- (b) nazareth
- (c) bethlehem & nazareth
- (d) jericho & nazareth

16. #include

```
#include
```

```
void main()
```

```
{
```

```
char buffer[82]={80};
```

```
char *result;
```

```
printf( "input line of text, followed by carriage return : ");
```

```
result = cgets(buffer);
```

```
printf("text=%s ",result);
```

```
}
```

- (a) printf("length=%d",buffer[1]);
- (b) printf("length=%d",buffer[0]);
- (c) printf("length=%d",buffer[81]);
- (d) printf("length=%d",buffer[2]);

17. Consider scanf and sscanf function , which is true

- (a) no standard function called sscanf
- (b) sscanf(s,...) is equivalent to scanf(...) except that input character are taken from string s.
- (c) sscanf is equivalent to scanf.
- (d) none of above.

18. #include

```
main()
```

```
{
```

```
char line[80];
```

```
scanf("%[^ ]",line);
```

```
printf("%s",line);
```

```
}
```

what scanf do ?

- (a) Compilation error. Illegal format string.
- (b) Terminates reading input into variable line.
- (c) and (d) other two options.

19. problem was big so i couldn't remember . simple one.

20. `ceil(-2.8)` ?

- (a) 0
- (b) -3.0
- (c) -2.0
- (d) 2

21. `for(p=head; p!=null; p= p -> next)`
`free(p);`

- (a) program run smooth.
- (b) compilation error.
- (c) run time error.
- (d) none of above.

22. `int x[3][4] = {`
`{1,2,3},`
`{4,5,6},`
`{7,8,9}`
`}`

- (a) `x[2][1] = x[2][2] = x[2][3] = 0`
- (b) value in fourth column is zero
- (c) value in last row is zero
- (d) none of above.

23. Problem was big so I couldn't remember. Simple one.

24. `main ()`

```
{  
printf("%u" , main());  
}
```

- (a) print garbage.
- (b) execution error

- (c) printing of starting address of function main.
- (d) infinite loop.

25 . int a, *b = &a, **c =&b;

....

....

.....

a=4;

** c= 5;

- (a) doesnot change value of a
- (b) assign address of c to a.
- (c) assign value of b to a.
- (d) assign 5 to a.

26. Problem was big so i couldn't remember . Simple one.

27. Problem was big so i couldn't remember. Simple one.

28. Answer: swapping of values .

29. Simple one.

30. i =5;

i= (++i)/(i++);

printf("%d" , i);

prints ,

(a) 2

(b) 5

(c) 1

(d) 6