

Hi friends - in Satyam computers GD topic was as given and they asked 50 qns of flow chart and some basic computers concept. 25 questions were from given 50 problems and rest 25 were from java, n/w .

But try to mug -up all 50 qns and answers bcoz u will get 25 questions directly from these 50.

GD Topic:::::::::::::::::::::

gd topic: It will be same for all groups

On a mid may at about 10 a.m. ur plane crashed at a desert at rajasthan.u r at 70 miles from ur destinatin.u r along with two pilot and u r in simple dresses,road shoes and every one has a handkerchif. the temp at the hill foot is about 113 f. u r provided with 15 articles and u have to choose to whom u will give more priority in order to reach ur destination..accordingly u have to serial 15 articles.

aricles score	indivisual score	team
1. flashlight(4 battery)	-----9-	

2. magnetic compass	-----2--	

3.area map	-----3---	

4.top coat	-----6-----	

5.sun glass	-----5-----	

6.cosmatic mirror	-----7--	

7.water bottle	-----4---	

8.vodka	-----15--	

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9.parachute                      --1---

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10.a book entitled with
desert animals                  ---14-

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11.plastic rain coat           ---9-

-----
12.jack knife                   --8--

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13.
14.
15.

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so u have to fill up the remaining in which way i've filled up.they give u 10 min to read the case study and then 5 min to fill up the 2nd column.then disscision will go on &a final conclusion will be drawn at the end that u've to fill up in 3rd column.

Best of luck. bye

although i qualified the written but i could not clear the g.d.

i'm sending the qps below.DON'T WORRY THE QN NOS R IN EXACT SERIAL(qns acording to qn no, butt we written it here &there).i'm also giving the some ans .u better check it once again.

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1) 1. value of N and K is 100
2.N is divided by K and the integer part of the quotient is stored
in I.
3. N is divided by K and the remainder is stored in K
4. I is multiplied by itself to get the new value of I
5. if the value of I and J are equal then N is printed
6. add 1 to N
7. if the value of N exceeds 999 then stop.
8. go to step 2
The result of the above logic is
a) 124, 248, 369 ....b) 101 , 204, 309, .....c) 111, 222, 333, ...d)
none ans. (b)

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2)

1. Sony =0

2.jimmy =1

3.Add jimmy to sony to get new jimmy

4. add sony to jimmy to get new jimmy.

5. if jimmy is equal to 34 then stop

6. go to step 3

What is the value of Sony when the logic terminates.

a) 15 b) 18 c) 21 d) none

ans:d(check)

3)

get the cost of the item (C)

1.get the no of items (N)

2.multiply N by C to get total cost (TC)

3.if TC is above 10000 then discount (d)= 5%

4. if TC is less than 10000 but more than 5000 and C is above 85 then D=4.5 %

5. if TC is less than 5000 and C>65 and N>50 then D=4%

What will be the discount if 40 items were purchased each costing Rs 58'

a)5% b) 4.5% c) 4% d)none

ans:d(check)

4)

the average age of a class of 45 is 20 years. the age of the teacher is

30 years. the the average age of the 45 people together is

1.j=z * l /* here * means multiplication*/

2.m=j+ 30

3.z= 20

4.r=m/(l+1)

5.l=45

the above logic represents the solution of the given problem. the correct sequence is

a)5-3-1-4-2 b)5-3-1-2-4 c)5-3-2-1-4 d)none

ans:b(check)

5)

1.k=10

2.add 1 to k to get the value of z

3.p= quotient of z divided by 10

and some statements are there...

8. Go to 2

the result of the above steps is

a)11,22,33,.....b)21,32,33,..c)12,23,24....d)none

ans...(b)

6) A long flow chart

FN=10----> k=10----> divide FN by K and

....

the number of values that are printed are

a) 9 b) 19 c) 29 d) none

ans (a)

7)

1. cost of item C= Rs 50

2. total cost TC= 0

3. number of items purchased =1

4. $TC = TC + C$

5. if the remainder of N divided by 5 is 0 then reduce Rs. 10 from C

6. increase the value of N by 1

using the above rule, how much money should one pay after buying 12 items

a) 480 b) 510 c) 540 d) none

ans.....(d)

check the answer.

8) flow chat

every applicants takes 3 tests. the candidate is selected if he/she secures 80 % above in the aggregate and 75% and above atleast two testes.

all tests are evaluated to 100 marks.

$C=0$ -----> Get T1,T2,T3-----> Is $T1 > 74$

.....

if a candidate scores 96, 78, 68 in the three testes going by the above

logic, his result will be

ans...(b) selected

9) flow chat

$R=8$ and $J=5$ -----> print R ----- $L = R + j$

.....

the out put of the above logic is

ans (d) none

10) flow chat

$N=100$ -----> $D = \text{INT}(N/100)$ -----> $K = \text{remainder}(N/100)$

.....> print N

if the no like 244, 514, 136 etc are to printed from the above logic , the ? should be replaced with ...

ans.d(check).....

***11)

1. let the value of FN be 1

2. let the value of A be 2

3. Let the new value of FN be FN multiplied by A and add 1 to it.

4. Write the value of FN

5. If the value written is more than 777 then stop

6.-----

7. go to step 3

if the expected out put from the above logic is 3,10,41,206,1237, then

the statement in the line 6 should be

(a) let the value of A be A multiplied by A (b) add A to A
 (c) add 1 to A (d) none

ans.....(c) add 1 to a

***12) flow chat

N=2----> R= N+1, -----> print J----> N=N+1----.is N>9
 ?

J=N x

R .

|

^

no |

|-----

the result of the above logic is

(a) 6, 8, 14... (b) 6, 12, 20, 30 (c) 6, 12, 18, 24... (d) none

ans.....(b)

***13)

the followig qualification are necessary for recruitment of a librarian

. the candidate must

1. have master degree in library science with at least 55% mark.
2. have one year specialization in IT
3. have at least 10 yrs experience in university

In case the candidate

4. has 15 yrs experience in college ,the case may be reffered to vice chancellor
5. has obtained less than 55% marks but has 13 yrs expr.in university ,the case may be to resistrar
6. has PHD in library sc./documentation, the conditin 1 may be waived.

gopal brahma has been deputy librarian of SLC university since 1982 and

has a master degree in library sc. with 53 % . given the above rules and Gopal's information, Gopal should be

(a) selected (b) rejected (C) referred to V-C (d) none

ans.....d:none(chek)

***14). flow chart ans:a

***15>

1. R=2

2. J=R*R-R

3. R=R+1

4. K=R*R-R

5. print K-J

6. let J=K

7. if R.8 then stop

8.go to 3

the result of the above logic is

(a) 4, 9, 16, 25.... (b) 4, 6, 8, 10.... (c) 4, 4, 4, 4.... (d) none

ans (b) (check)

**16>flow chart

N=66---->D=N/2--->N=D+1-----> N/2=0
^

is remainder of

----->stop

|
|
|no
|- -----|

after how much iteration will the above logic terminate

(a) 8 (b) 6 (c) 7 (d) none ans.(d)

check

**17.

1.T=1

2.T1=T*1000

3.T2=T+1

4.T3=T2*100

5.T4=T2+1

6.T5=T4*10

7.T6=T4+1

8.T7=T1+T3+T6+T5

9.print T7

10.T=T+1

11.if T<8 then 2

12.stop

which of the following value will not printed by above logic

(a) 6789 (b) 7890 (c) 7900 (d) none

ans (b) 7890

q18))

ans:c is j>10 hint: k=3, j=2.....

Q19)

flowchart

ans:a) 200

Q20)

flowchart

ans:a) 21

Q21)

flowchart

ans:a) 10 (confirm the question)

q22)

flowchart

ans:c(4x+8y)

q23)

ans:c)4-6-5-1-3-2

q24) flowchart

ans:b(17)

q25) a person distribute his pen among four friends in the ratio $1/3, 1/4, 1/5, 1/6$

ans:b(minimum he should have)

Q26)

1.let the value of N be 10

2.divide N by 10 to give quotient (Q) remainder(R)

3.diff=R-Q

4.if diff=1 then 6

5.go to step 7

6.display the value of N

7.add 1 to N

8.if N <100 go to step 2

the above logic will produce

(a)11,12,13,,14.. (b)12,23,34,..... (C)21,32,4,354..... (d) none

ans:d(none)

Q27) flowchart

ans:b(36,45,25)

Q28) flowchart

ans:b(375)

Q29) a man has Rs. 128 in currency of one rupee.....

ans:a(24)

Q30) when A is divided by B, it is reqd to round off the result to the nearest whole no, the logic is given below. give the correct sequence

1. divide A by B giving correct sequence

2. subtract INTEGER(A/B) from C and store the result in D

3.if remainder (A/B) is 0 then stop
 4.print INTERGER (A/B)
 5.if D>.49,increase the value of INTRGER (A/B) by 1
 (A)1,3,2,5,4(B)1,3,2,4,5(C)1,2,3,5,4(D) none

ans:a(1,3,2,5,4)

Q31)A cistren is filled by 9 hours.....

ans:a)90 hours

Q32)

ans:c(42)

Q33)

flowchart

ans:d(none)

**34>

When madan said that he was burn on 31-9-83,everybody laughed.the logical sequence of steps involved in reduculing madan's statement r given below

1.if the day of birth is >Y(month of birth)then wrong
 2.since 1983 is not a leap year february has 28 days
 3. store 31,28,31,....31 in an array y(12)
 4.month of birth is not less than 1 and not greater than 12, therefore
 month of birth is valid

the right sequence of steps is

a)3-1-4-2
 b)3-2-4-1
 c)3-2-1-4
 d)none
 ans:b(check)

35).

the logic to convert a 3 digit number to a word is given, Ex 123 should be written as One Two Three

1. accept the number N
 2. if N < 100 or N > 999 go to step 1
 3. Split N into hundreds(H), Tens (T), & Units(U)
 4. Store words zero,one,two,..... in array W(10)

5. print W(H),W(T),W(U)

6. Stop

The above logic is

a) incomplete b) complete c) complete but inefficient d) none

ans: b

36)

given a number which is more than 99 but less than 1000, the logical sequence of steps to say how many hundreds, tens & units are in the

given number is given below. identify the logical order.

1. get the number N

2. write quotient and the words 'tens'

3. write the remainder and the words 'units'

4. write the quotient and the word 'hundred'

5. divide the number N by 100 and get the quotient and remainder

6. divide the remainder by 10 giving the quotient and remainder

(a) 1,5,6,2,3,4 (b) 1,5,4,3,2,6 (c) 1,5,4,6,2,3 (d) none

ans: c

**37.

step 1. no of toffees in hand (TIH)=2

2. no of picks (NOP) = 1

3. Multiply TIH by 2

4. Add 1 to NOP

5. If NOP is less than 4 then step 3

6. Print TIH

7. Stop

The value of TIH at the end of execution of logic is

a) 16 b) 24 c) 30 d) None

ans: a

Q38)

flowchart

ans: b (1,2,4,8,16,32,32,16,8,4,2,1)

Q39)

flowchart

ans: b(2)

Q40)

ans: a) 17

Q41)

ans:b(6 days)

Q42)
flowchart

ans:b(I=468 , II=468)

Q43)
the logical sequence of steps to calculate the average of N nos is given below

- 1.let the sum(S) of N nos be zero
- 2.get the value of N
- 3.let the value of A be N
- 4.add N to S
- 5.add 1 to A
- 6.if A is not = N then go to 4
7. compute average by dividingS by N

the above logic is

(a)correct (b)incorrect (c)inadequate data (d)none

ans:b(incorrect)

Q44)
indetify the correct logical order to write ur name in reverse order

- 1.count the no of alphabets in ur name(L)
 - 2.if L=0 stop
 - 3.rerduce the value of L by 1
 - 4.write the lth character
 - 5.transfer control to the step where the value of L is reduce
- (a)1,4,3,5,2 (B) 1,4,3,2,5 (c)1,3,4,2,5, (d) none

ans:a(1,4,3,5,2)

**45.

six girls A,B,C,D,E & F have 10 marbles each. a & B take 4 marbles

each

from D & E respectively. C gives 3 marbles to F who in turn gives 2

marbles to D & 4 marbles to E. E takes back the marbles she had given

to B

and gives them to C.

The equations r given below

1. $A=A+4$
2. $B=B+4$
3. $D=D-4$
4. $E=E-4$

5. $F=F+3$
6. $F=F-2$
7. $F=F-4$
8. $C=C-3$
9. $D=D+2$
10. $E=E+4$
11. $B=B-4$
12. $C=C+4$

The above sequence of steps are

- a) Complete b) Incomplete c) Incorrect d) none

ans:b

46.

Subtract 3 from the number X. Multiply the result by 3, Add 3 &

then divide this result by 3. The final result is

ans:a

- a) $X-2$ b) $X+2$ c) $X+1$ d) X

47.

Given a sentence which has only lower case letters and which ends with

a period (.), you r asked to count the number of vowels & consonants.

The logical sequence of steps r given below. Arrange them in correct order.

1. If character = a,e,i,o or u increse VC by 1 else increase CC by 1.
2. Print VC,CC
3. Read a character
4. If character read is . then go to print VC,CC
5. Go to read a character
6. Stop
7. Initialise VC & CC to 0

ur logical sequence of steps r

- a) 7,3,4,1,5,2,6 b) 7,4,3,1,2,5,6 c) 7,3,4,5,1,2,6 d) none

ans:c

48.

1.number of units consumed(NUC) = Closing reading - Opening reading

2. if NUC is less than 100 units then 5

3. if NUC is less than 200 units then 6

4. if NUC is less than 300 units then 7

5. CHARGE=NUC

6.CHARGE = $100+(NUC-100)*2$

7.CHARGE= $300+(NUC-200)*3$

8. Print CHARGE

if the opening reading is 785 and the Closing reading is 865, CHARGE is

- a) 80 b) 60 c) -60 d) None

ans: d

Q49)

ans: c) 3, 7, 1, 2, 5, 6, 4

Q50)

flowchart

ans:b(prints multiplication table from 1 to 10)