TCS

λ Test

Tata Consultancy Services conducts a multiple choice test.The test consists of four sections.The fi
Verbal Section with 15 questions to be attempted in 6 minutes.The questions deal with words and
You need a high level of vocabulary to do well in this part. The second section is a Quantitive aptit
15 questions to be answered in 10 minutes.The questions deal with basic mathematics such as mu
percentages etc.This is the easiest among all the sections (try not to make silly mistakes). The thi
Reading Comprehension section with 50 minutes to answer 60 questions.The fourth section is a 30
Psychometeric Test with 150 questions.These questions are generally simple personality based que
your ability to answer consistently.Usually only a Yes/No type answer is required for these questio

 Candidates clearing the test and the interview are further required to clear a paper based on C ar
paper consists of 50 questions and is MCQ format.

λ **Interview**

The test is followed by a Technical and a HR interview.The technical interview is highly specialised
almost all subjects you have done in your curriculum. However one is required to name his/her fav
which most of the interview is focussed. For Computer Engineers C, Operating Systems, DBMS, Mic
mostly focussed upon. Electronics Engineers can be grilled on DCLD, Microprocessors and Commu
details on the frequently asked questions please refer to our Interview section.

The HR interview which follows the technical interview is very general. The Hr interview is also imp
questions are asked to test your temperament. You maybe asked your opinion on a variety of curr
We were asked about Homosexuality, Lesbianism(the movie FIRE), Kashmir, Genome Project etc.
questions regarding the company are asked. For details on the other frequently asked questions p
Interview section.

λ **Profile**

Tata Consultancy Services started in 1968. **Mr.F.C Kohli** who is presently the **Deputy Chairma**
with the job of steering TCS. The early days marked TCS resonsibility in managing the punch card
Tisco. The company, which was into management consultancy from day one, soon felt the need to
to its clients as well.TCS was the first Indian company to make forays into the US market with clie
IBM, **American Express, Sega** etc. TCS is presently the top software services firm in Asia.

During the **Y2K** buildup, TCS had setup a Y2K factory in Chennai as a short-term strategy. Now, v
being the buzzword, the factory is developing solutions for the dotcom industries. Today, about 90
revenue comes from **consulting**, while the rest from **products**. TCS has great training facilities. In
training around 5 percent of the revenue is spent upon its R&D centres like the Tata Research Desi
Development Centre at Pune, along with a host of other centres at Mumbai and Hyderabad.

It benchmarked its quality standing, invested heavily in software engineering practices and built ir property-in terms of **patents,code** and **branded products.** At the same time, it expanded its rel technology partners and organisations, increased **linkages with academic institutions** and incu technologies and ideas of people within TCS and outside. TCS has already **patented 12 E-Comme** product packages and has filed **six more applications** for patent licences.

Over $25 million were spent on enhancing hardware and software infrastructure. The company no worldwide. As many as seven centres were assessed at **SEI CMM Level 5** last year(3.4 mistakes i oppurtunities).These include Chennai, Mumbai, Bangalore, Calcutta, Hyderabad and Lucknow.Sev R&D relationship with global firms like **IBM, General Electric, Unigraphics Solutions** have beer

The present **CEO** of the company is **Mr.S.Ramadorai**. The companies strength is about **14,000**.

For more information about this company visit their homesite at www.tcs.com

TCS QUESTION PAPER

part A - Vocabulary(synonyms) 40 Questions
1. To merry = Enjoy
2.To Alienate = abandon
3.To Solicit = Humble
4.To Heep =to gather
5.Cargo = load,luggage
6.Momentary = for small time
7.Volume = quantity
8.To Veer =
9.To Admonish=
10. To Meager = small,little
11. To lattitude,
12. Latent =
13. To Covet = To desire
14. To Discretion =
15. Potential = ability
16. To Emancipate,
17. To Wethargy,
18. To Concur = similiar
19. To Confiscate = To take charge, to annex
20. To Dispel =
21. Baffle = puzzle
22. Subsidise =
23. Misery =
24. Pretentrous =
25. Tranquil = calm, silent
26.Ellace
28.Rinaile,
29.Obstinate
30.Hover
31.Caprice,
33.Belate =after time
34.Brim = edge

35.Divulge,
36.Lamont,
37.Bileaf,
38. Embrace =
39.Adhesive =
40. Miserable =

Critical Reasoning

_____

1. My Father is only child to his Father. My father has three
sisters. All are married and have two children each.
(state True or False Or Can't be determined)
1.1 My Grand father has two sons (false)
1.2 I am having six cousins (true)
1.3 I have three uncle (true)

Part B (15 Questions)

1. Two Pencils 8 cents 5 Pencils cost (Ans 20 cents)

2.A work is done by two people in 24 minutes. One of them alone can
do it in 40 minutes. How much time will the other person wiil take to
complete it (60 minutes)

3. A car is filled with 4.5 gallons of fuel for a round trip . Car
is taken 1/4 more than in going than coming up. What is the fuel
consumed in coming up ? (2.0 gallons)

CHECK
4. Low temperature at the night in a city is more than 1/2 high as
higher temperature are 100. Then What is low temperature (Ans 40)

5. Person who dicided to go to weekend trip should not exceed 8 hrs
driving in a day. Average speed of forward journey is 40 miles/hour .
Due to traffic in sundays ,in return journey average speed is 30mph .
How far he can select a picnic spot ? (ans 240 miles)

CHECK

6. A sales person multiplied by a number and get the answer 3. Instead
of that number divided by 3. What is the answer she actually has to
get.

(1/3) * 1 *3 =3 so the no= 1 divided by three. The answer =1/3

7. A ship started from port and moving with 'I' miles/hour and other
ship started From L and moving with 'H' miles/hour . At the place
where these two ships will meet. (ans L*I*H)/(H+I)

8. A building with height D shadows up to G. A Neighbour building
with what height shadows C feet. (ans CD/G)

9. A person was fined for exceeding the speed limit by 10mph. Another
person was also fined for exceeding the speed limit by twice the

same. If the second person was travelling at speed of 35mph . Find
the speed limit (ans. 15mph)

10. A bus started from the bus stand at 8 Am and after staying 30
minutes at a destination return back to the bus stand. The
Destination is 27 miles from the bus stand . The Speed of the bus is
18mph . In the return journey the bus travells with 50% fast speed.
At what time it is return to the bus stand (1 p.m)

CHECK

11. In a mixture R is two parts, S is one part . In order to mixture
how much R is to be added. Ans S is 25% of R

WISH YOU ALL THE BEST

Subject: C and COBOL (fwd)

this is the TCS C paper.it actually contains 50 questions.but i am

sending only 43 questions.though 46 questions are available only these are

visible.so it is i am sending 43 only.the set code is ' D' .

1.The C language terminator is
a.semicolon
b.colon
c.period
d.exclamation mark
2.What is false about the following
A compound statement is
a.A set of simple statments
b.Demarcated on either side by curly brackets
c.Can be used in place of simple statement
d.A C function is not a compound statement.
3.What is true about the following
C Functions
a.Need not return any value
b.Should always return an integer
c.Should always return a float
d.Should always return more than one value.
4.Main must be written as
a.the first function in the program
b.Second function in the program
c.Last function in the program
d.any where in the program
5.Which of the following about automatic variables within a function
is correct ?
a.its type must be declared before using the variable

a.its type must be declared before using the variable
b.they are local
c.they are not initialised to zero
d.they are global.
6.Write one statement equalent to the following two statements
x=sqr(a);
return(x);
Choose from one of the alternatives
a.return(sqr(a));
b.printf("sqr(a)");
c.return(a*a*a);
d.printf("%d",sqr(a));
7.Which of the following about the C comments is incorrect ?
a.commentscan go over multiple lines
b.comments can start any where in the line
c.a line can contain comments with out any language statements
d.comments can occur within comments
8.What is the value of y in the following code?
x=7;y=0;
if(x=6)
y=7;
else
y=1;
a.7
b.0
c.1
d.6
9.Read the function conv() given below
conv(int t)
{
int u;
u=5/9 * (t-32);
return(u0;
}
What
a.15
b.0
c.16.1
d.29
10.which of the following represents true statement
either x is inthe range of 10 and 50 or y is zero
a.x>=10 && x<=50 || y==0;
b.
c.
d.
11.Which of the following is not an infinite loop ?
a.while(1){
….
}
b.for(;;){
…
}
c.x=0;
do{
/*x unaltered within theloop*/
…
}while(x==0);
d.# define TRUE 0

d.# define TRUE 0

…
while(TRUE){
….
}
12.what does the following function print?
func(int i)
{
if(i%2)return 0;
eale return 1;
}
main()
{
int =3;
i=func(i);
i=func(i);
printf("%d",i);}
a.3
b.1
c.0
d.2
13.how does the C compiler interpret the following two statements
p=p+x;
q=q+y;
a.p=p+x;
q=q+y
b.p=p+xq=q+y
c.p=p+xq;
q=q+y
d.p=p+x/q=q+y

For questions 14,15,16,17 use the following alternatives

a.int
b.char
c.string
d.float
14.' 9'
15."1 e 02"
16.10e05
17. 15

18.read the folllowing code
define MAX 100
define MIN 100
….
….
if(x>MAX)
x=1;
else if(x<MIN)
x=-1;
x=50;
if the initial value of x=200,what is the vlaue after executing this code?
a.200
b.1
c.-1
d.50

19.a memory of 20 bytes is allocated to a string declared as char *s
then the following two statements are executed:
s="Etrance"
l=strlen(s);
what is the value of l ?
a.20
b.8
c.9
d.21
20.given the piece of code
int a(50);
int *pa;
pa=a;
to access the 6th element of the array which of the following is incorrect?
a.*(a+5)
b.a(5)
c.pa(5)
d.*(*pa + 5)
21.consider the following structure:
struct num nam{
int no;
char name(25);
};
struct num nam n1()={{12,"Fred"},{15,"Martin"},{8,"Peter"},{11,Nicholas"}};
.....
.....
printf("%d%d",n1(2),no,(*(n1 + 2),no) + 1);
What does the above statement print?
a.8,9
b.9,9
c.8,8
d.8,unpredictable value
22.identify the in correct expression
a.a=b=3=4;
b.a=b=c=d=0;
float a=int b=3.5;
d.int a;
float b;
a=b=3.5;
23.regarding the scope of the varibles;identify the incorrect statement:
a.automatic variables are automatically initialised to 0
b.static variables are are automatically initialised to 0
c.the address of a register variable is not accessiable
d.static variables cannot be initialised with any expression
24.cond 1?cond 2?cond 3?:exp 1:exp 2:exp 3:exp 4;
is equivalent to which of the following?
a.if cond 1
exp 1;
else if cond 2
exp 2;
else if cond 3
exp 3;
else
exp 4;
b.if cond 1
if cond 2
if cond 3

```
exp 1;
else
exp 2;
else
exp 3;
else
exp 4;
```
c.if cond 1 && cond 2 && cond 3
```
exp 1 |exp 2|exp 3|exp 4;
```
d.if cond 3
```
exp 1;
else if cond 2
exp 2;
else if cond 3
exp 3;
else
exp 4;
```
25.the operator for exponencation is
a.**
b.^
c.%
d.not available
26.which of the following is invalid
a.a+=b
b.a*=b
c.a>>=b
d.a**=b
27.what is y value of the code if input x=10
```
y=5;
if (x==10)
else if(x==9)
elae y=8;
```
a.9
b.8
c.6
d.7
28.what does the following code do?
```
fn(int n,int p,int r)
{
static int a=p;
switch(n){
case 4:a+=a*r;
case 3:a+=a*r;
case 2:a+=a*r;
case 1:a+=a*r;
}
}
```
a.computes simple interest for one year
b.computes amount on compound interest for 1 to 4 years
c.computes simple interest for four year
d.computes compound interst for 1 year
29.a=0;
```
while(a<5)
printf("%d\n",a++);
```
how many times does the loop occurs?
a.infinite
b.5

c.4
d.6
30.how many times does the loop iterated ?
for (i=0;i=10;i+=2)
printf("Hi\n");
a.10
b.2
c.5
d.....
31.what is incorrect among teh following
A recursive functiion
a.calls itself
b.is equivalent to a loop
c.has a termination cond
d.does not have a return value at all
32.which of the following go out of the loopo if expn 2 becoming false
a.while(expn 1){...if(expn 2)continue;}
b.while(!expn 1){if(expn 2)continue;...}
c.do{..if(expn 1)continue;..}while(expn 2);
d.while(!expn 2){if(expn 1)continue;..}
33.consider the following program
• B • • • • • • •
main()
•OB {unsigned int i=10;
while(i>=0){
printf("%u",i)
i--;
}
}
how many times the loop wxecuted
a.10
b.9
c.11
d.infinite
34.pick out the add one out
a.malloc()
b.calloc()
c.free()
d.realloc()
35.consider the following program
main()
{
int a(5)={1,3,6,7,0};
int *b;
b=&a(2);
}
the value of b(-1) is
a.1
b.3
c.-6
d.none
36.# define prod(a,b)=a*b
main()
{
int x=2;
int y=3;
printf("%d",prod(x+2,y-10)); }

the output of the program is
a.8
b.6
c.7
d.none
37.consider the following program sigment

```
int n,sum=1;
switch(n) {
case 2:sum=sum+2;
case 3:sum*=2;
break;
default:sum=0;}
```

if n=2, what is the value of sum
a.0
b.6
c.3
d.none
38.identify the incorrect one
1.if(c=1)
2.if(c!=3)
3.if(a<b)then
4.if(c==1)
a.1 only
b.1&3
c.3 only
d.all
39.teh format specified for hexa decimal is
a.%d
b.%o
c.%x
d.%u
40.find the output of the following program

```
main()
{
int x=5, *p;
p=&x;
printf("%d",++*p);
}
```

a.5
b.6
c.0
d.none
41.consider the following C code

```
main()
{
int i=3,x;
while(i>0)
{
x=func(i);
i--;
}
int func(int n)
{
static sum=0;
sum=sum+n;
return(sum);
`
```

}
the final value of x is
a.6
b.8
c.1
d.3
43.int *a(5) refers to
a.array of pointers
b.pointer to an array
c.pointerto a pointer
d......
46.which of the following statements is incorrect
a.typedef struct new{
int n1;
char n2;
} DATA;
b.typedef struct {
int n3;
char *n4;
}ICE;
c.typedef union {
int n5;
float n6;
} UDT;
d.#typedef union {
int n7;
float n8;
} TUDAT;

* *
Only These Are The Questions Avilable For C Paper.

* *
ANSWERS:

1-5 D,C,D,C,C

6-10 D,C,C,A,D

11-15 D,C,A,A,A

16-20 B,C,D,C,A

21-25 C,D,B,D,A

26-30 C,B,B,A,D

31-35 B,C,C,C,B

36-40 A,B,A,B,B

41-45 A,D,D,D,A

46-50 B,C,C,A,A

This the COBOL paper.

01.consider the following piece of code

01 GROSS-PAY
05 BASIC-PAY PIC 9(5)
05 ALLOWENCES PIC 9(3)
if BASIC-PAY has a value 1000 and ALLOWENCES has a value of 250,what will be
displayed by the statement
DISPLAY GROSS-PAY
a.1250
b.01000250
c.01250
d.1.250
02.consider two data items

77 W-A PIC 9(3)V99 VALUE 23.75
77 W-B PIC ZZ9V99 VLAUE 123.45
after the statement
MOVE W-A TO W-B
what will be W-B' s value?
a.123.75
b.b23.75 (where b indicates space)
c.023.75
d.invalid move
03.what is the result of the following?

DIVIDE A INTO B GIVING C.

a.C=A/B
b.the reminder of B/A is stored in C
c.C=B/A
d.the reminder of A/B is stored in C
04.consider the statement (incomplete)
IF(A NUMERIC)
DISPLAY A
the variable A can be
a.NUMERIC
b.ALPHABETIC
c.ALPHANUMERIC
d.NUMERIC OR ALPHANUMERIC
05.which of the following can be used as a check protection symbol
a.Z
b.S
c.*
d.+
06.what if any ,is the syntex error in the following piece of code
01 B PIC A(7)
02 C PIC 9(4)
……..
IF(B NUMERIC)
ADD 10 TO C
a.the condition in the if statement is wrong
b.noting is wrong
c.because C is initialised.ADD 10 TO C is wrong

d.both B and C shoud have same size.
07.study the following code
01 A1
05 B PIC 99
05 C PIC X(4)
01 A2
05 B PIC 99V99
05 C PIC A(4)
pick out the valid statement from the following
a.A1 and A2 can not have sub-ordinates
b.A1 and A2 can have the same sub-ordinates but must have same PIC clause
c.there is nothing wrong
d.A1 and A2 can have same sub-ordinates provided they are not at 01 level
08.study the following
01 A PIC 99V0 VALUE 5
01 B PIC 9V9 VALUE 6
01 C PIC 99V9 VALUE 2.5
01 D PIC 99 VALUE 3
COMPUTE A ROUNDED B C = A+B*C/D
ON SIZE ERROR PERFORM PRINT-ERROR
the comments of A.B.C after execution of the above statement are
a.A=10 B=0 C=10
b.A=10 B=9.9 C=9.9
c.A=10 B=0 C=9.9
d.A=10 B=6 C=10
09.how many times PARA-A is performed :
PERFORM PARA-A VARYING TIMES-COUNTER FROM 1 BY 1
UNTIL TIMES-COUNTER >0
PARA-A
MOVE P TO Q
MOVE H TO TIMES COUNTER
a.10
b.1
c.11
d.0
10.consider the following piece of code
01 GROUP-ITEM
05 AMOUNT-1 PIC 99V9 USAGE COMP VALUE 50
05 AMOUNT-2 PIC 9(4)V99 USAGE COMP
MOVE ZERO TO GROUP-ITEM
ADD 50 TO AMOUNT-1
what will be the content of AMOUNT-1?
a.50
b.100
c.0
d.unpredictable
11.consider the following progrm statements
MOVE 0 TO SW.NO.OF.REC
PERFORM PRI-OUT UNTIL SW=1
DISPALY NO.OF.REC
STOP RUN
PRE-OUT
READ IN-FILE AT END
MOVE 1 TO SW
WRITE OUO-REC FROM IN-REC
ADD 1 TO NO.OF REC
if the IN-FILE contains 1000 records what value will be displayedafter the

PERFORM is over?assume that N0.OF.REC has PIC 9(4)
a.1000
b.1001
c.1
d.none of the above since there is a syntex error
12.study the data discriptions and answer the questions given below
i)01 ORDER RECORD
05 OUT-HEADER PIC X(50)
05 ITEM-COUNT PIC 99
05 OUT-ITEM PIC X(20) OCCURS 1 TO 20 DEPENDING ON ITEM-COUNT
ii)01 NAME-AND-ADDRESS
05 N-AND-A-LINE OCCURES 5
05 LINE-LENGTH PIC P9
05 N-AND-A-CHAR PIC X OCCURS 1 TO 20 DEPENDING ON LINE-LENGTH
iii)01 SALES-LIST
05 SALESMAN-COUNT PIC 99
05 SALES PIC 9(6) OCCURS 1 TO 100 DEPENDING ON
SALESMAN-COUNT
iv)01 ORDER-RECORD
05 NO-OF-BRANDS PIC 99
05 BRAND-PURCHASED OCCURS 1 TO 15 DEPENDING ON NO-OF-BRANDS
which of the following is true?
a.i) and iii) are valid
b.i) and iv) are valid
c.i) and iii) are not valid
d.all are valid
13.C1 C2 C3 are three conditions whose TRUTH values are as folloes.
C1-TRUE C2-FALSE C3-TRUE
A,B,C are defined as given below
A:C1 AND(NOT C2) OR C3
B.(NOT C1) OR (NOT C2 AND NOT C3)
C.(C1 OR C2)AND C3
D.C1 AND C2 OR C3
given the above information which of the following statements are valid?
a.only A,B and C are TRUE
b.only A,C and D are TRUE
c.A,B,C and D are TRUE
d.only C and D are TRUE
14.consider the following
FD FILE-1
01 REC-1 PIC X(80)
……
WORKING-STORAGE SECTION
01 W-REC PIC X(90)
………
PROCEDURE DIVISION
FIRST-PARA
…….
READ FILE-1 INTO W-REC AT END MOVE 1 TO EOF-FLAG
which of the following is true with respect to the above?
a.REC-1 will contain nothing and W-REC will contain the contains of the
record read
b.REC-1 and W-REC contain the same data
c.syntex is invalid and error will occur
d.REC-1 and W-REC must be of same size
15.PERFORM ACCUMULATE-TOTALS
VARYING A FROM 1 BY 2 UNTIL A >2

AFTER B FROM1 BY 1 UNTIL B>2
AFTER C FROM 2 BY -1 UNTIL C<2
the paragraph ACCUMULATE-TOTALS would be exicuted
a.18 times
b.4 times
c.8 times
d.24 times
16.there is a file whose ORGANISATION is INDEXED.you want to read the records
from the file in RANDOM fashion as well as sequentially.then which of the
access mode would you specify?
a.SEQUENTIAL
b.RANDOM
c.DYNAMIC
D.ACCESS MODE has nothing to do with it
17.consider the following PROCEDURE DIVISION entry
OPEN EXTEND IN-FILE
identify the correct statement
a.organization of IN-FILE is sequential and records can be added in the
beginning
b.organization of IN-FILE is sequential and records can be added in the
end
c.organization of IN-FILE is indexed and records can be added in the
beginning
d.organization of IN-FILE is indexed and records can be added in the end
18.what is the size of W-REC in the following
01 W-REC
05 A PIC 9(4)V99
05 B READLINES A
10 C PIC XX
10 D PIC S9(4)
05 E OCCURS 7 PIC ZZ.ZZ
05 F OCCURS 5
10 G PIC ZZ.ZZZ99
10 H OCCURS 3
15 J PIC 9(3)
15 K PIC V99
a.177
b.161
c.180
d.none of yhe above
19.consider the following two IF statements:
IF X AND NOT Y MOVE A TO B
IF Z=1 OR 9 MOVE A TO B
select one of the following data divusion entries which gives identical
results for both the above IF statements
a.01 Z PIC 9
88 X VALUE 1.9
88 Y VALUE 0.2 THRU 8
b.01 Z PIC 9
88 X VALUE 0.2 THRU 8
Y VALUE 1.9
c.01 Z PIC 9
88 X VALUE 1.9
88 NOT-Y VALUE 0.2 THRU 1.9
d.none of yhe above
20.consider the following two statements
MOVE 10 TO N

PERFORM PARA-X N TIMES
STOP RUN
PARA-X
MOVE 5 TO N
how many times PARA-X willbe exicuted?
a.10
b.5
c.infinate
d.execution error
21.given the following:
77 A PIC 9V9 VALUE 9.5
77 B PIC 9 VALUE 9.
77 C PIC V9 VALUE 0.8
77 D PIC 9
77 E PIC 9
77 F PIC 9V999
what are the contenta of D E nad F after teh following statements are
executed:
COMPUTE F ROUNDED=A+C/B
MULTIPLY A BY C GIVING E
ADD B C A GIVING D ROUNDED
a.F=9.589 E=8 D=1
b.F=9.589 E=8 D=9
c.F=9.589 E=7 D=9
d.F=9.589 E=7 D=1

22. Consider the follwoing IF condition:

IF A LESS 1200 IF B GREATER 25 MOVE 47 TOC
ELSE MOVE 57 TO C
IF A GREATER 249 MOVE 67 TO C
ELSE NEXT SENTENCE ELSE IF B LESS 67
MOVE 27 TO C

What will be the value of C, when A is 137 and b is 25
(a) 27
(b) 57
(c) 67
(d) none

23. Consider the following:

77 W-NUM PIC 9 VALUE 0

MOVE 1 TO W-NUM
PERFORM PARA-X UNTIL W-NUM > 9.

PARA-X
ADD 1 TO W-NUM

How many times PARA-X is executed ?
(a) 10
(b) 9
(c) 11
(d) Infinite loop

24. Consider the following code:

24. Consider the following code.

77 A PIC 99V99 VALUE 55.35
77 B PIC 99V999 VALUE 32.754

ADD B TO A ON SIZE ERROR DISPLAY "ERROR!!!"

What will be the result ?
(a) A=88.10, B=32.754
(b) A=87.00 B=32.754
(c) A=87.10 B=32.754
(d) ERROR!!! will be DISPLAYed on the screen.

25. Consider the following:

77 A PIC 9(10)
77 B PIC 9(10)
77 C PIC 9(19)

MULTIPLY AB BY B GIVING C

Which of the following is true ?

(a) The execution of the above may result in size error.
(b) The execution of the above will result in size error.
(c) The definition of C is invalid resulting in compilation error.
(d) No error will be thee and the program would proceed correctly.

26. A paragraph PARA-X is to be executed when none oof the data names
A, B and C have value of 1. Which of the following will achieve this ?

(a) IF A NOT = 1 OR B NOT = 1 OR C NOT = 1 PERFORM PARA-X
(B) IF NOT A= 1 AND B= 1 AND C = 1 PERFORM PARA-X
(C) IF A NOT =1 IF NOT B = 1 OR C= 1 PERFORM PARA-X
(C) IF A NOT = 1 AND B NOT = 1 AND C NOT = 1 PERFORM PARA-X

27. Study the five expressions and the class to which they belong:
S.N. Expression Class
1 "SPACES" Figurative constant
2. "Depreciation Schedule Non-numeric literal
3. "12%" Non-numeric literal
4. INTEREST-DUE Non-numeric literal
5. ZEROES Figurative constant
Which of the following statement is true?
(a) 1 and 3 are incorrect
(b) 1 and 4 are incorrect
(c) 3 and 4 are incorrect
(d) All are correct

28. Identify the invalid dataname from the following:
(a) SAVINGS-ACCOUNT
(b) ANNUAL-ALLOCATION-FOR-OVERHEAD
(c) SAMOUNT250
(d) 12DEMAND

29. Study the DATA DIVISION entries and the three PROCEDURE DIVISION entries
given below:
01 END-OF-FILE-SWITCH PIC XXX.
88 NO-MORE-RECS VALUE "YES".
88 MORE-RECS VALUE "NO".
(i) READ SAMPLE-FILE AT END MOVE "YES" TO NO-MORE-RECS.
(ii) IF NO-MORE-RECS = "YES" GO TO LAST-PARA.
(iii) IF NO-MORE-RECS GO TO LAST-PARA.
Which are wrong?
(a) (i) and (ii)
(b) (ii) and (iii)
(c) (i) and (iii)
(d) all

30. The following entries appear in the WORKING-STORAGE SECTION:
01 DATE-TODAY.
05 YY PIC XX VALUE "90".
05 MM PIC XX VALUE "12".
05 DD PIC XX VALUE :31".
01 DATE-EDIT PIC XX/XX/XX.
MOVE DATE-TODAY TO DATE-EDIT.
(a) 901231
(b) 90/12/31
(c) 31/12/90
(d) 311290

31. How many bytes will be allocated for the following record description
entries?
01 REC-A.
05 A PIC S9(4).
05 B PIC XXXBXXX.
05 C PIC ____9.99.
05 D PIC S9(5) COMP-3.
05 E PIC 9(3) COMP.
(a) 29
(b) 26
(c) 25
(d) 28

32. What is wrong with the following data declaration?
01 W-DATE PIC X(6).
05 DD PIC 99.
05 MM PIC 99.
05 YY PIC 99.
(a) Nothing is wrong.
(b) Under W-DATE all level 05 items are having a PIC 99 but level
01 has PIC X(6).
(c) PIC can' t be specified for a group item.
(d) DD, MM, and YY are invalid datanames.

33. What is the output generated by the following code?
01 GRP-I.
05 SUBFLD1 PIC XX VALUE "AB".
05 FILTER PIC X(6) VALUE SPACES.
01 GRP-2 REDEFINED GRP-1.
05 SUB-FLD2 PIC XX.

```
05 SUB-FLD2 PIC XX.
05 SUB-FLD3 PIC XX.
05 FILTER PIC X(4).
IF SUB-FLD1 NOT = SPACES
DISPLAY "SUBFLD1"
MOVE "ABBCCD" TO GRP-1
IF SUB-FLD3 = SPACES
DISPLAY "SPACES"
ELSE
DISPLAY "SUBFLD3"
DISPLAY "END"
ELSE
DISPLAY "SPACES"
DISPLAY "END".
```
(a) SUBFLD1
SUBFLD3
END
(b) SPACES
END
(c) SUBFLD1
END
(d) SUBFLD1
SPACES

34. 88 level entry is used for
(a) data items in WORKING-STORAGE SECTION
(b) items with RENAMES clause
(c) condition-names
(d) None of the above

35. ZEROES and SPACES are _____ constants
(a) Figurative
(b) Numeric
(c) Non-numeric
(d) Alphabete

36. COMPUTE X = A * B - C * D and
COMPUTE X = (A * B) - (C * D)
(a) Are not the same
(b) Are same
(c) Syntactically wrong
(d) Will yield a run time error

37. OCCURS clause is used in the DATA DIVISION on data names at
(a) 01 level
(b) 77 level
(c) 88 level
(d) any level from 02 to 49

38. Consider the following COBOL entries:
05 X PIC 99 VALUE 10.
SUBTRACT 20 FROM X.
The resultant value of X wil be
(a) 10
(b) 00
(c) compile-time error
(d) none of these

(d) none of these

39. Consider the following COBOL entries
05 X PIC 99 VALUE 10.
ADD 40 X TO X.
COMPUTE X = 3 * X - 40.
The result in X is
(a) 10
(b) 40
(c) Compile or Run time error
(d) none of these

40. given the following piece of code:
CALL SUB-PGM USING A, B, C.
CALL SUB-PGM USING A, C, C.
(a) Both CALL statements will always produce same result.
(d) Both CALL statements may produce different result.
(c) Compile-time error because SUB-PGM is a dataname.
(d) Compile-time error because A, B, C are used twice.

41. The hierarchy of the execution of logical operators is
(a) NOT AND OR
(b) AND OR NOT
(c) OR AND NOT
(d) OR NOT AND

42. The order of precedence of arithmetic operators in an expression can be
overridden with the use of
(a) ()
(b) ()
(c) {}
(d) Any of the above

Consider the following passage for answering questions 43 to 47.

A program is written to accept an answer to the query "enough fo the Day?"
If the respons is "N" then the program accepts quantity purchased and rate
of the item and displays the amount to be collected. Then the above query
is again displayed and the loop continues. At the end of the day, when
the response to the above query is "Y", the day collections are displayed.

The program checks that the quantity purchased is between 25 and 125 and the
rate of the item is between 10.00 and 75.00. If any of these two conditions
are violated, the program displays an appropriate message and asks for next
input. The amounts are displayed with proper editing. The program is written
assuming that there can be a maximum of 1000 transactions a day.

43. How many variables would you declare for the above problem?
(a) 3
(b) 4
(c) 5
(d) 7

44. What should be the PICTURE clause of the variable used to calculate
end of the day collections?
(a) 9(9)v99

(b) 9(8)v99
(c) 995)v99
(d) Information given is insufficient to arrive at the answer

45. What should be the PICTURE clause of the variable used to calculate
to be collected.
(a) 9(9)v99
(b) 9(8)v99
(c) 9(5)v99
(d) Information given is insufficient to arrive at the answer

46. Assuming that the above program is being executed in a Department
Stores in MADRAS which of the following PICTURE clause will be
suitable for DISPLAYing the end of the day collections?
(a) Z(5)V99
(b) Z(5).99
(c) ZZ,ZZ,ZZ,ZZ9.99
(d) Information given is insufficient to arrive at the answer

47. How many _____ statements do you think will be there in the program?
(a) 3
(b) 4
(c) 5
(d) Information given is insufficient to arrive at the answer

48. Which of the following paragraphs is compulsory in every COBOL program?
(a) SPECIAL-NAMES
(b) PROGRAM-ID
(c) FILE-CONTROL
(d) OBJECT-COMPUTER

49. Which of the following files can be OPENed in all the 4 modes? The four
modes are INPUT, I-O, OUTPUT and EXTEND.
(a) INDEXED
(b) RELATIVE
(c) SEQUENTIAL
(d) All of the above

50. Which of the following EDITind and PICTURE symbols is to be used if a
minus(-) is to appear before the value if the value is -ve and a plus(+)
is to appear before the value if the value is +ve?
(a) +
(b) -
(c) + OR
(d) It is not possible

solutions

b,b,c,c,c,a,d,a,b,a,c,c,b,b,b,c,b,d,a,a,c,b,d,a,d,d,b,c,d,b,a,c,a,c,a,b,d,
a,c,b,a,b,b,b,c,c,a,b,c,a

---

this is vocabulary section in tcs paper!
with solutions
----

1 admonish : usurp
2 meager : scanty
3 alineate: estrange
4 merry :gay
5 brim: boarder
6 obstinate:stubborn
7 adhesive:tenacious
8 tranquil :serene
9 solicit: urge
furtive : stealthy
misery:distress
volume:quantity
hamper :obstruct
verr :diverge
belief:conviction
incentive:merit
inert:passive
concur:acquise
cargo:freight
dispel:scatter
caprice:whim
heap:to pile
covet:crave
emancipate:liberate
instigate:incite
latitude:scope
lethargy:stupor
divulge:discretion
hover:linger
embrace:effigy
baffle:frustate
lament:wail
stiffle:snithy
subside:wane
confiscate:appropriate
discretion:prudence
efface:deliberate
latent:potential

The technical comprises of 50 questions on C,Unix and windows.
The interview for us is on a later date.If the questions come for you
also,then intimate me.
1.const char *
char * const
What is the differnce between the above tow?.
2.In Unix inter process communication take place using?.
3.What are the files in /etc directory?.
4.About i-node numbers
5.Max relaxable permisssion value with out giving write permission
to others?.
6.About ln(linking)
7.A question on until
until (who I grep mary)
do
sleep(60)
done
8.Linking across directories?

9.process id for kernell process
10.very first process created by kernell
11.function to repaint a window immediately?.
12.Function entry for DLL in win3.1
13.win 3.1 is a
14.win 3.1 supports which type of multi tasking?.
15.Message displayed when a window is destroyed
16.About fork()?
17.About send message and post message
18.Message to limit the size of window
19.System call executable binary file intoa process
20.About GDI object?.
21.API used to hide window
22.Initialize contents of a dialog?.

APTITUDE TEST
20 QUESTIONS;2 MARKS EACH
TIME-20MINUTES
1) ONE RECTANGULAR PLATE WITH LENGTH 8INCHES,BREADTH 11 INCHES AND
2 INCHES THICKNESS IS THERE.WHAT IS THE LENGTH OF THE CIRCULAR ROD
WITH DIAMETER 8 INCHES AND EQUAL TO VOLUME OF RECTANGULAR PLATE?
ANS: 3.5INCHES
2) WHAT IS THE NUMBER OF ZEROS AT THE END OF THE PRODUCT OF THE NUMBERS
FROM 1 TO 100
3) in some game 139 members have participated every time one fellow
will
get bye what is the number of matches to choose the champion to be
held?
ans: 138
4) one fast typist type some matter in 2hr and
another slow typist type the
same matter in 3hr. if both do combinely in how much time they
will finish.
ans: 1hr 12min
5) in 8*8 chess board what is the total number of squares
refer odel
ans:204
6) falling height is proportional to square of the time.
one object falls 64cm in 2sec than in 6sec from how much
height the object will fall.
7) gavaskar average in first 50 innings was 50 . after the 51st
innings his average was 51 how many runs he made in the 51st
innings
8)2 oranges,3 bananas and 4 apples cost Rs.15 . 3 ornages 2 bananas
1 apple costs Rs 10. what is the cost of 3 oranges, 3 bananas and
3 apples ANs Rs 15.
9)in 80 coins one coin is counterfiet what is minimum number of
weighings to find out counterfiet coin
10)in a company 30% are supervisors and 40% employees are male
if 60% of supervisors are male. what is the probability
that a randomly choosen employee is a male or female?
11)statement: all green are blue are blue, all blue are white
conclusion:

I) some blue are green II) some white are green
III)some green are not white IV) all white are blue
a) he has given four choices like gre type
12)all teachers are students. some students are girls.
this type of questions are there.
we cant able to reproduce them.
</XMP></BODY></HTML>

TCS

Source : jadavpur university
Dated : 28/4/99

1. VOCABULARY.(SYNONYMS) 40 BITS. 20 MARKS. 20MIN.
2. QUANTITATIVE APTITUDE 15 BITS 30 MARKS 15
MIN.
3. CRITICAL REASIONING.(COMPREHENSION) 50 BITS 50 MARKS 25
MIN.
4. PSYHOMETRIC TEST. 150 BITS 150 MARKS 30 MIN
-------- ------
250 MARKS 90 MIN

THE PSYCHOMETRIC TEST IS SIMPLE AND THERE IS NO
NEED OF OF PREPARATION. IT SIMPLY TEST YOUR PSYCHOLOGY. GIVE MOST
POSITIVE ANSWERS TO THIS SECTION. I AM SENDING SOME QUESTIONS TO
YOU. THE VOCAB. IS SAME. BUT THERE IS SOME CHANGES IN PASSAGES.BUT
THE IDEA IS SAME.

TAKE FOLLOWING PRECAUTIONS WHILE ANSWERING TEST.
----
1. DON' T WRITE FULL ANSWERS TO VOCAB. SECTION. DO ONLY 36 to 37
QWUE' s.BECAUSE THEY DISQUALIFIED SOME CANDIDATES HERE.

2. WE ARE SENDING ANSWERS TO THIS SECTION. SO YOU SIMPLY MUG UP
ANSWERS.

3. FOR CRITICAL REASONING SECTION WE ARE SENDING ANSWERS.BUT
SOME OF THESE ANSWERS MAY CHANGE. SO YOU PLEASE CHECK IN
EXAMINATION. THE ANSWERS IS SIMPLY (TRUE) OR (FALSE) OR
(CAN' T SAY) TYPE. FOR THIS SECTION YOU HAVE READ AS FAST
AS YOU CAN. IT SIMPLY TEST YOUR COMPREHENSION ABILITY.

4. EVENTHOUGH WE ARE SENDING ANSWERS TO MATHEMATICAL ABILITY.
SECTION. YOU DO " ROUGH " WORK BACK OF YOUR PAGE. IT IS ALSO
ONE OF IMPORTNANT CAUTION.

5. IN PSYCHOLOGY SECTION THE QWE' S MAY REPEAT AT LEAST FOUR
TIMES. BY SIMPLY CHANGING SENTENCE FORMATION. SO BECAREFUL
GIVE SAME ANSWERS TO THOSE QWE' S.

THERE WILL BE NO NEGATIVE MARKING. TIME 90 Min., APPEARED FOR EXAM =255
STUDENTS
SELECTED FOR INTERVIEW =122, FINALLY SHORT LISTED = 55 STUDENTS.

SECTION I VOCABULARY (SYNONYMS) TIME :15 Min. MARKS: 20.
DIRECT ANSWERS :

Admonish : usurp Meager :scanty Alienate : estrange
Merry : gay Brim : Boarder obstinate : stubborn
Pretention:pretentioius Tranquil:serene solicit : urge
subside : wane furtive :stealthy misery : disstress
volume :quantity veer : diverge stiffle :sniths
adhesive : --- Hamper : obstruct belief : conviction
lament : wail to merit :to deserve incentive : ----
inert: passive Baffle : Frustrate Confiscate : appropriat
Covet : crave Caprice : whim Concur :acquiesce
Cargo :freight Dispel : Scatter Divulge : -----
Discretion: prudence Emancipate : liberate Efface : obliterate
Hover : linger Heap : to pile Instigate : incite
latitude : scope latent : potential lethergy : stupor
momentary : transient
----- means , for these words we are not able to reproduce answers.

PART II QUANTITATIVE APTITUDE ,TIME 20 Min. MARKS :30.
----
1. Two pencils costs 8 cents, then 5 pencils cost how much
(Ans:20 cents).
2. A work is done by the people in 24 min. one of them can do
this work a lonely in 40 min. how much time required to do the
same
work for the second person.
(ans:60 min.)
3. A car is filled with four and half gallons of oil for full
round
trip. fuel is taken 1/4 gallons mor3 in going than coming. what is
the fiel consumed in coming up? (2 gallons)
4. low temperature at the night in a city is 1/3 more than 1/2
hinge as higher temperature in a day. sum of the low temp and
higherst temp is 100C. then what is the low temperature (40 C)
5. A person who decided to go weekend trip should not exceed 8
hours
driving in a day Average speed of forward journy is 40 mph. due
to
traffic in sundays, the return journey average speed is 30 mph.
how far he can select a picnic spot (120 miles).

6. A sales person multiplied a number and get the answer is 3,
instead of that number divided by 3. what is th answer he actually
has to get ? (1/3).
7. A ship started from port and moving with I mph and another ship
started from L and moving with H mph. At which place these two
ships
meet ? (Ans is between I and J and close to J)

!_____!_____!_____!_____!_____!_____!
port G H I J K L

8. A building with hight D ft shadow upto G A neighbour building
with
what height shadow C ft is (B ft.)

!_____!_____!_____!_____!_____!_____!_____!
A B C D E F G H

9. A person was fined for exceeding the speed limit by 10
mph.Another
person was also fined for exceeding the same speed limit by twice
the same. If the second person was travelling at a speed of 35
mph.
find the speed limit (15 mph)

10. A bus started from bustand at 8.00a m and after 30 min staying
at
destination, it returned back to the bustand. the destination is
27
miles from the bustand. the speed of the bus 50 percent fast
speed.
at what time it retur4ns to the bustand (11.00)

11.in a mixture, R is 2 parts, S is 1 part. in order to make S to
25%
of the mixture, howmuch R is to be added (one part).

12. wind flows 160 miles in 330 min, for 80 miles how much time
required.
13. with 4/5 full tank vehicle travels 12 miles, with 1/3 full
tank
how much distance travels (5 miles).

14. two trees are there. one grows at 3/5 of the other. in 4
years,
total growth of trees is 8 ft. what growth will smaller tree will
have in 2 years. (<2ft)

15. A storm will move with a velocity of towords the center in
hours. At the same rate how much far will it move in hrs.
(but Ans is 8/3 or 2 2/3).

PART III: TIME 25 Min, MARKS :50.

CRITICAL REASONING : THERE WILL BE 13 PASSAGES WITH 50 QUESTIONS TIME 30
MIN.
HERE I AM SENDING ONLY SOME OF THE PASSAGES (these will give only rough
idea)
(ANSWERS WILL BE AS YES/NO/CAN' T SAY we are giving our answers, please
check.)

1. My father has no brothers. he has three sisters who has two childs
each.

1 my grandfather has two sons (f)
2 three of my aunts have two sons(can' t say)
3 my father is only child to his father(f)
4 i have six cousins from my mother side(f)
5 i have one uncle(f)

2. Ether injected into gallablader to dissolve galstones. this type
oneday
treatment is enough for gallstones not for calcium stones. this method is
alternative to surgery for millions of people who are suffering from this
disease.
1 calcium stones can be cured in oneday (f)
2 hundreds of people contains calcium stones(can' t say)
3 surgery is the only treatment to calcium stones(t)
4 Eather will be injected into the gallbleder to cure the
cholestrol
based gall stones(t).

3. Hacking is illigal entry into other computer. this is done mostly
because of lack of knowledge of computer networking with networks one
machine can access to another machine. hacking go about without knowing
that each network is accredited to use network facility.
1 Hacking people never break the code of the company which they
work for (can' t say).
2 Hacking is the only vulnerability of the computers for the
usage
of the data.(f)
3 Hacking is done mostly due to the lack of computer knowledge
(f).
(there will be some more questions in this one)

4. alphine tunnels are closed tunnels. in the past 30 yrs not even a
single
accident has been recorded for there is one accident in the rail road
system. even in case of a fire accident it is possible to shift the
passengers
into adjacent wagons and even the living fire can be detected and
extinguished
with in the duration of 30 min.
1 no accident can occur in the closed tunnels (True)
2 fire is allowed to live for 30 min. (False)
3 All the care that travel in the tunnels will be carried by rail
shutters.(t)
4

5. In the past helicopters are forced to ground or crash because of the
formation of the ice on the rotors and engines. a new electronic device
has
been developed which can detect the watercontent in the atmosphere and
warns
the pilot if the temp.is below freezing temp. about the formation of the
ice
on the rotors and wings.
1 the electronic device can avoid formation of the ice on the
wings (False).
2 There will be the malfunction of rotor & engine because of
formation of ice (t)

3 The helicopters are to be crashed or down (t)
4 There is only one device that warn about the formation of
ice(t).

6.In the survey conducted in mumbai out of 63 newly married house wives
not a single house
wife felt that the husbands should take equal part in the household work
as
they felt they loose their power over their husbands. inspite of their
careers
they opt to do the kitchen work themselves after coming back to home. the
wives get half as much leisure time as the husbands get at the week ends.
1 housewives want the husbands to take part equally in the
household(f)
2 wives have half as much leisure time as the husbands have(f)
3 39% of the men will work equally in the house in cleaning and
washing
3

7. copernicus is the intelligent. In the days of copernicus the transport
and technology
development was less & it took place weeks to comunicate a message at
that
time.wherein we can send it through satellite with in no time ----------.
even with this fast developments it has become difficult to understand
each other.
1 people were not intelligent during Copernicus days (f).
2 Transport facilities are very much improved in noe a days (can'
say)
3 Even with the fast developments of the techonology we can' t
live happily.(can' t say)
4 We can understand the people very much with the development of
communication(f).

Q8) senior managers warned the workers that because of the
intfoductors
of japanese industry in the car market. There is the threat to the
workers.
They also said that there will be the reduction in the purchase of
the sales of
car in public.the interest rates of the car will be increased with
the loss in demand.
1 japanese workers are taking over the jobs of indian
industry.(false)
2 managers said car interests will go down after seeing the raise
in
interest rates.(true)
3 japanese investments are ceasing to end in the car
industry.(false)
4 people are very much interested to buy the cars.(false)

Q9) In the totalitariturican days,the words have very much
devalued.In
the present day,they are becoming domestic that is the words will be
much more devalued.
In that days, the words will be very much effected in political
area.but

at present,the words came very cheap .we can say they come free at
cost.
1 totalitarian society words are devalued.(false)
2 totalitarian will have to come much about words(t)
3 The art totalitatian society the words are used for the
political
speeches.
4

Q10) There should be copyright for all arts. The reele has came
that
all the
arts has come under one copy right society,they were use the money
that come from
the arts for the developments . There may be a lot of money will
come from
the Tagore works. We have to ask the benifiters from Tagore work
to
help for
the development of his works.
1 Tagore works are came under this copy right rule.(f)
2 People are free to go to the because of the copy right
rule.(can't say)
3 People gives to theater and collect the money for
development.(can't say)
4 We have ask the Tagore resedents to help for the developments
of
art.(can't say)

NOTE : DO 1,2,3,4,5 PASSAGES WHICH ARE EASY. LAST BUT ONE ALSO. DO THAT
PASSAGES CAREFULLY. TIME WILL BE INSUFFICIENT. PASSAGES ARE NOT AS
EXACTLY
AS ABOVE. THERE IS HIGHLEVEL ENGLISH IN ALL THE PASSAGES, WE ARE GIVING
IN OUR OWN WORDS , U CANNOT EXPECT THE SAME TYPE OF ENGLISH THERE. WHILE
ANSWERING U SHOULD BE VERY FAST, DO NOT WASTE TIME, IT IS
INSUFFICIENT,TRY
TO ANSWER
AS MANY AS POSSIBLE.

SECTION 4. PSYCHOMETRIC TEST.

DO NOT BOTHERE ABOUT MUCH ABOUT THIS TEST. BE OPTIMISTIC WHILE ANSWERE.
THERE WILL BE 150 QUESTIONS IN 30 MIN. THE QUESTIONS IN THIS SECTION MAY
REPEATED WITH SLIGHT VARIATIONS ANSWER SHOULD BE SAME IN BOTH THE CASES.
(ans will be as yes/no/can't say)

for example
1 you will be interested in social activities.
2 while going upstairs you will move two steps at a time.
3 you will be making friendship with same sex or with opposite sex also.
4 your friends will consider u as a leader in your group
5 people think that your'e serious minded.
6 some times you feel dull without any reason.
7 your'e host or hostes for several parties.
8 relatives come to your house you will entertain them.
9 you will do work for longtime without tireness.
10 in your company you want lead the organasition.

etc.. the qwestions may repeate several times so becareful and give same
ans' s.

_____

In the paper I am sending,there r about 40 vocabulary questions.But
this year' s paper has only 20 of them.Time 5 min.Marks 10.Do only
15 or 16 bits correctly.

Quantitative aptitude:I am sending 15 questions.In the latest paper we got,
there r only 10 of them r present.Time 10 min.Marks 20.Do all the
problems correctly.

Reasoning:All answers r given.Remember them.In the exam, u willnot be
having time to read the passages.So remember the answers.
I dont remember twohe passages (R and Q).U can read these passages
in the exam and answer them.Remember: don' t answer all questions.Write
7 or 8 incorrect answers.Time 45 min.Total 70 questions and Marks 70.

Your ultimate aim is to get 75 to 85 marks.Because if u get high marks,
they may assune that u know the paper beforehand and u may be disqualified.
So don' t get morethan 90 marks.

WISH U ALL THE BEST.

~ ~

Vocabulary

Admonish-usurp,meager-scant,alienate-estrange,merry-gay,brim-boarder,obstinate-stubbourn
solicit-urge,subside-wane,furtive-stealthy,misery-distress,volume-quantity,
veer-diverge,stiffle-snithy,adhesive-sticky,hamper-obstruct,belief-co
nviction,lament-wail,incentive-spur,innert-passive,baffle-frustrate,confiscate-appropriate,c
overt-crave,caprice-whim,concur-acquiesce,cargo-frieght,dispel-scatter,divulge-reveal,tomerit-to
deserve,discreation-prudence,emancipate-liberate,efface-obliterate,

hover-linger,heap-to
pile,instigate-incite,latitude-scope,latent-potential,lethargy-stupor
momentary-transient,pretentious-ostentatious,embrace-effigy

Apptitude
----
1)2 pencils costs 8 cents,then 5 pencils cost how much
a)20c
2)a work is done by the people in 24 min.one of them can do this work
a lonely in 40 min.how much time required to do the same work for the
second person
a)60min
3)a car is filled with four and half gallons of oil for full round
trip.fuel is taken 1/4 gallons more in going than coming.what is the fuel
consumed in coming up.
a)2 gallons
4)low temperature at the night in a city is 1/3 more than 1/2 hinge as
higher temperature in a day.sum of the low temp and high temp is 100 c.
then what is the low temp.
a)40 centigrade

a)45 centigrade

5)a person who decided to go weekend trip should not exceed 8 hours
driving in a day average spped of forward journey is 40 mph.due to
traffic insundays the return journey average speed is 30 mph.how far he
can select a picnic spot.
a)120 miles

6)a sales person multiplied a number and get the answer is 3
instead of that number divided by 3.what is the answer he actually
has to get.
a)1/3

7)a ship started from a port and moving with I mph and another ship
started from L and moving with H mph.at which place these two ships
meet.
a)between I and J and close to J

8)a building with height D ft shadow upto G.A neighbour building
with what height shadow C ft is
a)B ft

9)a person was fined for exceeding the speed limit by 10mph.another
person was also fined for exceeding the same speed limit by twice the same
if the second person was travellling at a speed of 35 mph.find the
speed limit
a)15mph

10)a bus started from bustand at 8.00am and after 30min staying at
destination it returned back to the bustand.the destination is 27
miles from the bustand the speed of the bus 50percent fast speed at what
time it returns to the bustand.
a)11.00am

11)in a mixture,R is 2 parts,s is 1 part
in order to make s to 25% of the
mixture,howmuch r is to be added
a)one part

12)wind flows 160 miles in 330min.for 80 miles how much time required
a)---

13)with 4/5 full tand vehicle travels 12 miles, with 1/3 full tand how
much distance travels
a)5 miles

14)2 trees are there.one grows at 3/5 of the other.In 4 years
total growth of the trees is 8 ft.what growth will smaller tree will have
in 2 years.
a)2 ft

15)a storm will move with a velocity of --- towards the center in ---
at the same rate how much far will it move in hrs
a)8/3 or 2 2/3
15 not clear

Reasoning

A.
my father had no brothers but his 3 sisters are all married and each has 2
children.my grandfather has 2 sons.
1.mu father was an only child F
2.3 of my aunts have sons C
3.i have six cousins on my mother's side C
4. i have only one uncle F

B.
Senior managers in a leading company said that new japanese investment

senior managers in a leading company said that new japanese investment
in india was transforming the car industry and warned that jobs were
under threat from japanese competition. they stated that increasing
competition would be coupled with an in evitable downturn i the car market
and the recent rise in interst rates whaich had already hit demand.
5.some senior managers said that more people will want to buy new cars in
the future. F
6.managers told workers that japanese workers are taking jobs away from
indian workers in the car industry. F
7.the managers issued their warning after a rise in interest rates. T
8.the increased rate of the interest will mean that japanese firms will
cease to operate in this country. C

C.Researchers in mumbai have found that certain types of gallstones can be
dissolved by injecting them with a gasoline additive in the form of ether
the ether is injected through a tube directly into a tube directly into
the gallbladder.the one day treatment works only on cholesterol-based
stones.not those composed largely o calcium.however as the clolesterol
stones are by far the most common typefor millions of gallstones
sufferers the treatment should offer a welcome alternative tosurgery
the commonest option in nost hospitals.
9.injecting ether into the gallbladder dissolves most gallstones T
10.surgery is the only treatment for calcium stones T
11.hundreds of peoplecontains calcium stones C
12.calcium stones will be cured in one day F

D.organising the home can be perceived as conferring power so large
numbers of women are unwilling to let go of chores,even when they have
careers.a survey found that,out of 65 new marriages not one single wife
expected her husband to share work equally.according to the family policy
studies center 81% working wives return home to do all th cooking.The
average male has nearly half as much more tfree time at weekends
than his wife and the typical new father spends just 37 seconds a day
talking to his baby.
13.most working wives do not expect their husbands to share chores
equally. T
14.the average wife has half as much free
time at weekends as her husband.
F
15.some women collude in the unequal distribution of house hold work
because they want to retain control C
16. 39% of all men with working wives do
the cooking and all the cleaning
F

E.confucius said that to know the future
we have to understand the pasthis
time transport ,communications and scientific knowledge were less
developed than they are today.news took weeks to travel where as today
satellite links connect the continents virtually instantaneously.but
our technological advances in the field of
communications seem not to have
improved our capacity to understand one another
17.in confucius daay people were more intelligent C
18.we understand each otheer better now than in confucius time because
we can travel more quickly. F
19.we have made great improvements in transport since confucius day T
20.none of our scientific discoveries has really improved our lives C

20.none of our scientific discoveries has really improved our lives C

F.words in totalitarian systems have an unhealthy importance and in such states now attempting to return to a more democratic normality there has been a natural inevitable and healthy devaluation of words whereas previouslu a single word used in a sppech
or even a play or poem could be
a serious political event now the words come cheaper almost free. politics is politics again and poetry only poetry
21.totalitarian state devalue words T
22.only non-totalitarian regimes produce poetry of political importance T
23.writers under totalitarian regimes have to choose their words care fully T
24. the democratic political system is healthier than others C

G.statistics show that millions of vehicals have beencarried by shuttle over the past 30 years through alpine tunnels withouty one ever catching tire.in the alpine tunnels.drivers and passengers sit in theirvhehicals on the shuttle trains.only one vehical has evercaught fire on the bussy french motorail equivalent system.this sort of accidents is not possible in a closed shuttle. assertinos that a vehical fire will lead to catastophe have no basis. since the resoures exit do detect,control and extingush a fire and to remove any persons present safely to an adjoning wagon, leaving any surviving fire facing rapid extinction within a wagan built to contain fire for 30 minutes. catastrophe seems very unlikely.

25. if a car cauget fire in a rail shuttle, probably none would be killed.

(T)
26.at least one vehical has cauht fire in an alpine tunnel.(f)
27.if a fire started in a wagon, it would be allowed to burn itself out in 30 minutes.(f)
28.if would theoreticaly be possible for a car to cath fire in aclosed shuttle system.(F)

H)every form of art is protected by copy write,upon the expiration

of whitch the property passes into the public domain and becomes freely available to any one wishing to exploit it commercialy. the time has come when all treasures shoud pass to the controled of a trust,and by this made readily available to anyone on pament of a fee or royality.the income fromthe works of tagore would alone be enarmous.these who now main financialbenifit from his genius should make some contribution to the welfare of the arts in general.
29.tagore' s plays are not protected by copyright. F
30.tagore' s decendants should be asked to make some contribution to the arts C
31.instead of buying a ticket , theatregoers should pay a fee to trust for the benefit of the arts. C
32. More people could go to the theatre if copy rightwere abolished C

l. Hacking is a crime made possible by a relatively new technology, which one of the reasons it is often poorly understood and reported. Many computers, but no means all,are now linked togetherin networks which

allow users on one computer to communicate with others on the same network.If a computer is not networked,no manipulation of its datafrom another machine is possible.So long as users are authorised, networking is just a way of making work easier and more productive.Hacking on the other hand,is the unauthorised use of networks or unauthorised entty into the computers themselves.Most people do not need to break into the networks they use,since they are already accredited users.

33. Most hackers are authorised to break into networks F
34. Computers are only vulerable to the unauthorised manipulation of their data via another computer if they are networked T
35.The main reason why it is relatively easy to break into a computer is that few people understand the technology. C
36.Hackers do not work fot the firms whose networks they break into. T

J.Although invaders represent a threat to the conservation of flora and fauna,there are two special cases in which
invasion have been deliberately
brought about.One is the desire to control presents by natural predators, whichmay have to be brought in from other countries.The second is releasing organisms into the wild(or on to farms,from which they might escape)that are completely novel,beacause they have been genetically engineered.There is nothing intrinsically sinister about engineered organisms,but any novelty must be regarded as a potential invader.

37.Pest control does not threat the conservation of flora and fauna. T
38.Genetically engineered organisms must always be regarded as potentially dangerous. F
39.Natural predators are work harmful than pests.T
40.Genetically engineered organisms escaped from the farm,they will be pose a threat to wildlife. T

K.electronics technology is coming to the
rescue of helicopters which can
be grounded or crash in icy conditions the machines are especially vulnerable to the build up of ice on both their rotors and engine air intake when operating in cold damp conditions.the problem is 2 fold ice increases the weight and the build upp makes the aerofoils less efficient .now at last a detector has been devised which the company hopes will mean safer flightsand less frequent grounding.unlike most devices in use at present it can detect the liquid water content of cloud above freezing level.so the warning is ginven before the potential hazard is encountered.

39.an electronic device has been invented which will prevent the build up of ice on helicopter rotors F
40.helicopters are sometimes grounded because in cold damp weather their engine air intakes and rotors malfuntion
owing to the formatrion of ice.
T
41.only one device can at present detect the liquid water content of cloud above freezing level C
42.in future fewer helicopters will crash or have to grounded T

L.anyone whos has systematically examined faces will have perceived a prepondreance although not a proliferation of asymmtry.whether or not the expression is volitinal and self controlled or spontaneous appears to predict facial asymmetry as does the type of emotion protrayed positive

to predict facial asymmetry as does the type of emotion protrayed.positive
emotions are usually displayed symmetrically although a left sided
representation of a negative emotion is more common.posed expressions and
negative emotions are less likely to be symmetrically represented.
43.an angry person is more likely to have a lopsided expression than
someone who is smiling T
44.a deliberately assumed facial expression will always be asymmetrical F
45.an actor is likely to smile symmetrically when acting C
46.more self conscious people are likely to have less asymmetrically
facial expressions than those who are less aware of themselves T

M. human existence is not susceptible of arbitary division between
consciousness and unconsciousness.the conscious world invades and shapes
the activities of the unconscious while many of the great achievements of
humanity' s waking hours were wholly or partly inspires bu dreams .even if
it could be argued that dreams precede experience such a dichotomy could
not be drawn as the influence of dreaming on the waking state would remain
unclear but as yet no common vocabulary exists to record the substance
of prenatal dreaming
47.sleep can be a creative state. T
48.it is difficult to tell whether a sleeper is dr3eaming or not C
49. if we knew what babies dream about before they are born we could
show that conscious and unconscious mond influence one another F
50. it is untrue to claim that the conscious and unconscious worlds never
impinge on one another F

New twenty questions

N. disease x succeeds lung disease.it may also occur helthy persons the
person looks healthier from outside.the number of red blood cells in
the blood increased and this leads to thickness fo the blood as a result
of which blood lacks inside the vessels .the person suffers heart attact.
one possible solution is to remove a litre of blood or to control the
growth of red blood cells.
53.lung disease precedes the disease x T
54.a person who gets heart attack always has disease x F
55.people suffering from disease x look healthier C
56.one litre of blood must be removed to cure this T

O.a starfire engine has been designed to work only for unleaded
petrol.this crossfire engine is designed for both 1500 and `1800 cc
they internally and externally look alike except for the difference
in wheels ----,2000 cc is differentr from the above.two in terms of 3
features --- ----- ---- on the bumber.
57.the engine run only on the leaded petrol F
58.1500 and 1800 cc look alike F
59.apart from cross fire engines they manfacture ---- F
60.internal structure of the 2000cc is same as that of both 1500 and
1800 cc C

P.a weed killer to kill the weeds has been developed.the weed killer
solution has to be applied to the growing tips. it need not to be applied
to all the tips.the solution has to be prepared in a can in one hand
and the plants are taken in the other hand with a glove and are immersed
in the solution if we cannot immerse them in the solution the solution
can be applied to the roots with a brush.it used without care it can
pose danger to other plants.

61.the solutions has to applied to growing leaves
62.to use the weedkiller first take the plants in the cn as then pour the
solution into it.
63.it is sufficient to apply it only to some roots
64.it effects to the other plants.

Q.
65.flora 3 sofa set gives value to ur money
66.padding is used to increase durablity
67.flora will made all other products other than sofa sets
68.can we use wood as ----- T

R.

69.the length of the cracker will be less than 12 cm F
70.the center part of the crackers is 4cm T

----

these are the questions given from tcs paper
dont answer all questions.

In reasoning test at the end of each question we indicated
F,T,C
where F represents False
" T " True
" C " cant say.

Aafter this test,psychmetry test will be there.dont bother about it.
it is just
formal.they will not consider it.But answer all 150 questions in 30
minutes

This test consists of 50 questions.The Set Code for this paper is D.

1. The C language terminator is

(a) semicolon
(b) colon
(c) period
(d) exclamation mark

2. What is false about the following -- A compound statement is

(a) A set of simple statments
(b) Demarcated on either side by curly brackets
(c) Can be used in place of simple statement
(d) A C function is not a compound statement.

3. What is true about the following C Functions

(a) Need not return any value
(b) Should always return an integer
(c) Should always return a float
(d) Should always return more than one value

4. Main must be written as

(a) The first function in the program
(b) Second function in the program
(c) Last function in the program
(d) Any where in the program

5. Which of the following about automatic variables within a function is correct ?

(a) Its type must be declared before using the variable
(b) Tthey are local
(c) They are not initialised to zero
(d) They are global

6. Write one statement equivalent to the following two statements

x=sqr(a);
return(x);

Choose from one of the alternatives

(a) return(sqr(a));
(b) printf("sqr(a)");
(c) return(a*a*a);
(d) printf("%d",sqr(a));

7. Which of the following about the C comments is incorrect ?

(a) Ccommentscan go over multiple lines
(b) Comments can start any where in the line
(c) A line can contain comments with out any language statements
(d) Comments can occur within comments

8. What is the value of y in the following code?
x=7;
y=0;
if(x=6) y=7;
else y=1;

(a) 7
(b) 0
(c) 1
(d) 6

9. Read the function conv() given below
```
conv(int t){
int u;
u=5/9 * (t-32);
return(u);
}
```
What is returned

(a) 15
(b) 0
(c) 16.1
(d) 29

10. Which of the following represents true statement either x is in the range of 10 and 50 or y is z

(a) x >= 10 && x <= 50 | | y = = 0
(b) x<50
(c) y!=10 && x>=50
(d) None of these

11. Which of the following is not an infinite loop ?

(a) while(1)\{ ....}

(b) for(;;)
```
{
…
}
```

(c) x=0;
```
do{
/*x unaltered within the loop*/
…..}
while(x = = 0);
```

(d) # define TRUE 0
```
…
while(TRUE){
....}
```

12. What does the following function print?
```
func(int i)
{ if(i%2)return 0;
else return 1;}
main()
{
int =3;
i=func(i);
i=func(i);
printf("%d",i);
```

}

(a) 3
(b) 1
(c) 0
(d) 2

13. How does the C compiler interpret the following two statements
p=p+x;
q=q+y;

(a) p=p+x;
    q=q+y
(b)p=p+xq=q+y
(c)p=p+xq;
    q=q+y
(d)p=p+x/q=q+y

For questions 14,15,16,17 use the following alternatives

a.int
b.char
c.string
d.float

14. ' 9'

15. "1 e 02"

16. 10e05

17. 15

18. Read the folllowing code

define MAX 100
define MIN 100
….
….
if(x>MAX)
x=1;
else if(x<MIN)
x=-1;
x=50;
if the initial value of x=200,what is the value after executing this code?

(a) 200
(b) 1
(c) -1

(d) 50

19. A memory of 20 bytes is allocated to a string declared as char *s
then the following two statements are executed:
s="Entrance"
l=strlen(s);
what is the value of l ?

(a)20
(b)8
(c)9
(d)21

20. Given the piece of code

int a(50);
int *pa;
pa=a;

To access the 6th element of the array which of the following is incorrect?

(a) *(a+5)
(b) a(5)
(c) pa(5)
(d) *(*pa + 5}

21. Consider the following structure:

struct num nam{
int no;
char name(25);
}

struct num nam n1()={{12,"Fred"},{15,"Martin"},{8,"Peter"},{11,Nicholas"}};
.....
.....
printf("%d%d",n1(2),no,(*(n1 + 2),no) + 1);

What does the above statement print?

(a) 8,9
(b) 9,9
(c) 8,8
(d) 8,unpredictable value

22. Identify the in correct expression

(a) a=b=3=4;
(b) a=b=c=d=0;
(c)float a=int b=3.5;
(d)int a; float b; a=b=3.5;

(a);... a, ... b; a = b = 0.0;

23. Regarding the scope of the varibles;identify the incorrect statement:

(a)automatic variables are automatically initialised to 0
(b)static variables are are automatically initialised to 0
(c)the address of a register variable is not accessiable
(d)static variables cannot be initialised with any expression

24. cond 1?cond 2?cond 3?:exp 1:exp 2:exp 3:exp 4;
is equivalent to which of the following?

(a)if cond 1
exp 1;
else if cond 2
exp 2;
else if cond 3
exp 3;
else exp 4;

(b) if cond 1
if cond 2
if cond 3
exp 1;
else exp 2;
else exp 3;
else exp 4;

(c) if cond 1 && cond 2 && cond 3
exp 1 | exp 2 | exp 3 | exp 4;

(d) if cond 3
exp 1;
else if cond 2 exp 2;
else if cond 3 exp 3;
else exp 4;

25. The operator for exponencation is

(a) **
(b) ^
(c) %
(d) not available

26. Which of the following is invalid

(a) a+=b
(b) a*=b
(c) a>>=b
(d) a**=b

27. What is y value of the code if input x=10

y=5;
if (x==10)
else if(x==9)
else y=8;

(a)9
(b)8
(c)6
(d)7

28. What does the following code do?

```
fn(int n,int p,int r){
static int a=p;
switch(n){
case 4:a+=a*r;
case 3:a+=a*r;
case 2:a+=a*r;
case 1:a+=a*r;}}
```

(a)computes simple interest for one year
(b)computes amount on compound interest for 1 to 4 years
(c)computes simple interest for four year
(d)computes compound interst for 1 year

29. a=0;
while(a<5)
printf("%d\\n",a++);
How many times does the loop occurs?

(a)infinite
(b)5
(c)4
(d)6

30. How many times does the loop iterated ?

for (i=0;i=10;i+=2)
printf("Hi\\n");

(a)10
(b) 2
(c) 5
(d) None of these

31. What is incorrect among the following
A recursive function

(a) calls itself
(b) is equivalent to a loop
(c) has a termination condition
(d) does not have a return value at all

32. Which of the following go out of the loop if expn 2 becoming false

(a) while(expn 1)\{...if(expn 2)continue;}
(b) while(!expn 1)\{if(expn 2)continue;...}
(c) do{..if(expn 1)continue;..}while(expn 2);
(d) while(!expn 2)\{if(expn 1)continue;..\}

33. Consider the following program

```
main()
{unsigned int i=10;
while(i>=0){
printf("%u",i)
i--;}
}
```

How many times the loop will get executed

(a)10
(b)9
(c)11
(d)infinite

34.Pick out the add one out

(a) malloc()
(b) calloc()
(c) free()
(d) realloc()

35.Consider the following program

```
main(){
int a(5)={1,3,6,7,0};
int *b;
b=&a(2);
}
The value of b(-1) is
```

(a) 1
(b) 3
(c) -6
(d) none

36. # define prod(a,b)=a*b
main(){
int x=2;
int y=3;
printf("%d",prod(x+2,y-10)); }

the output of the program is

(a) 8
(b) 6
(c) 7
(d) None

37.Consider the following program segment

int n,sum=1;
switch(n){
case 2:sum=sum+2;
case 3:sum*=2;
break;
default:sum=0;}

If n=2, what is the value of sum

(a) 0
(b) 6
(c) 3
(d) None of these

38. Identify the incorrect one

1.if(c=1)
2.if(c!=3)
3.if(a<b)then
4.if(c==1)

(a) 1 only
(b) 1&3
(c) 3 only
(d) All of the above

39. The format specified for hexa decimal is

(a) %d
(b) %o
(c) %x
(d) %u

40. Find the output of the following program

```
main(){
int x=5, *p;
p=&x
printf("%d",++*p);
}
```

(a) 5
(b) 6
(c) 0
(d) none of these

41.Consider the following C code

```
main(){
int i=3,x;
while(i>0){
x=func(i);
i--; }

int func(int n){
static sum=0;
sum=sum+n;
return(sum);}
```

The final value of x is

(a) 6
(b) 8
(c) 1
(d) 3

43. Int *a(5) refers to

(a) array of pointers
(b) pointer to an array
(c) pointerto a pointer
(d) none of these

44.Which of the following statements is incorrect

```
(a) typedef struct new{
int n1;
char n2;
} DATA;
```

```
(b) typedef struct {
int n3;
char *n4;}ICE;
```

```
(c) typedef union{ int n5;
float n6;} UDT;
```

float n6;} UDT;

(d) #typedef union {
int n7;
float n8;} TUDAT;

NOTE:EACH OF THE QUESTIONS GIVEN BELOW APPEAR AS <u>MULTIPLE CHOICE QUESTIONS</u> IN THE

VERBAL SECTION

*Directions for questions 1-15:*Find the **synonyms** of the following words

1. Merry

Ans. Gay,Happy

2. Alienate

Ans. Estrange

3. Solicit

Ans. To request

4.Heap

Ans. To pile

5.Cargo

Ans. Freight

6.Momentary

Ans. Transient

7. Volume

Ans.Quantity

8.Veer

Ans.Diverge

9.Dispel

Ans.Dissipate

10.Admonish

Ans.Cautious

11.Meager

Ans.Scanty

12.Latitude

Ans.Scope

13.Latent

Ans.Potential

14.Covet

Ans.Crave

15.Discretion

Ans. Prudence

QUANTITATIVE SECTION

1. If two pencils cost 8 cents, then how much do 5 pencils cost?

Ans. 20 cents

2. Some work is done by two people in 24 minutes. One of them can do this work alone in 40 mintime does the second person take to do the same work ?

Ans. 60 minutes

3. A car is filled with four and half gallons of fuel for a round trip.If the amount of fuel taken while
than the amount taken for coming, what is the amount of fuel consumed while coming back?

Ans.2 gallons

4. The lowest temperature in the night in a city A is 1/3 more than 1/2 the highest during the day lowest temperature and the highest temperature is 100 degrees. Then what is the low temp?

Ans.40 degrees

5. Javagal, who decided to go to weekened trip should not exceed 8 hours driving in a day. The av forward journey is 40 miles/hr.Due to traffic on sundays, the return journey' s average speed is 3(can select a picnic spot?

a) 120 miles
b) between 120 and 140 miles
c) 160 miles

Ans. 120 miles

6. A salesperson by mistake multiplied a number and got the answer as 3, instead of dividing the 3.What is the answer he should have actually got?

Ans. 3

7. A building with height D shadow upto G. What is the height of a neighbouring building with a sh

Ans. (C*D)/G

8. A person was fined for exceeding the speed limit by 10 mph. Another person was also fined for e same speed limit by twice the same. If the second person was travelling at a speed of 35 mph, fin

Ans. 15 mph

9. A bus started from bustand at 8.00am, and after staying for 30 minutes at a destination, it retur busstand. The destination is 27 miles from the busstand. The speed of the bus is 18mph. During t bus travels with 50% faster speed.At what time does it return to the busstand?

Ans. 11.00am

10. In a mixture, R is 2 parts and S is 1 part. In order to make S to 25% of the mixture, how much added?

Ans.One part of R

11. Wind flows 160 miles in 330 min, for travelling 80 miles how much time does it require?

Ans. 2 hrs 45 mins

12. With a 4/5 full tank a vehicle can travel 12 miles, how far can it travel with a 1/3 full tank

Ans. 5 miles

13. There are two trees in a lawn. One grows at a rate 3/5 of the other in 4 years. If the total gro
What is the height of the smaller tree after 2 years

Ans. 1 1/2 feet

14. Refer to the figure below.A ship started from P and moves at a speed of I miles per hour and
from L and moving with H miles per hour simultaneously.Where do the two ships meet?

| |---g--- | |---h--- | |---i--- | | ---j--- | | ---k--- | | ---l--- | |

PG H I J K L are the various stops in between denoted by | | . The values g, h, i, j, k, l denote the d
the ports.

Ans. Between I and J, closer to J

15. If A is travelling at 72 km per hour on a highway. B is travelling at a speed of 25 meters per se
highway. What is the difference in their speeds in m/sec.

Ans. 1 m/sec

CRITICAL REASONING SECTION

*The critical reasoning section consists of some passages followed by 4 to 7 questions per passage.
such that they require ability to read fast and comprehend. The questions asked in this section hav
TRUE, FALSE, CAN'T SAY. Some examples of questions are given below. Please note that these pa:
exact passages asked. The passages used a good deal of difficult words which have been removed
reproduction. Also the passages appearing in the actual paper are much lengthier.*

Directions: Answer the questions given below the passage or statement as true, false or can't say.

PASSAGE A: My father has no brothers. He has three sisters who has two childs each.

Answer 1-5 based on the passage A

1.My grandfather has two sons .

Ans. False

2. Three of my aunts have two sons

Ans. Can' t say

3. My father is only child to his father

Ans. False

4. I have six cousins from my mother side

Ans. Can' t say

5. I have one uncle

Ans. Can' t say(uncle can be from the mother' s side as well)

PASSAGE B: Ether injected into gallablader to dissolve colestrol based gallstones. This type one c enough for gallstones not for calcium stones. This method is alternative to surgery for millions of pe suffering from this disease.

Answer questions 6-9 based on passage B

6.Calcium stones can be cured in oneday

Ans. False

 7. Hundreds of people contains calcium stones

Ans. Can' t say

8. Surgery is the only treatment to calcium stones

Ans. True

9. Ether will be injected into the gallbleder to cure the cholestrol based gall stones

Ans. True

PASSAGE C: Hacking is illegal entry into another computer. This happens mostly because of lack c computer networking. With networks one machine can access to another machine.Hacking go abc knowing that each network is accredited to use network facility.

Answer questions 10-12 based on passage B

10. Hackers never break the code of the company which they work for

Ans. Can' t say

11. Hacking is the only vulnerability of the computers for the usage of the data

Ans. False

12.Hacking is done mostly due to the lack of computer knowledge

Ans. False

PASSAGE C: Alphine tunnels are closed tunnels.In the past 30 yrs not even a single accident has b
there is one accident in the rail road system. Even in case of a fire accident it is possible to shift th
adjacent wagons and even the live fire can be detected and extinguished with in the duration of 3

Answer questions 13-16 based on passage C

13. No accident can occur in the closed tunnels

Ans. True

14. Fire is allowed to live for 30 min

Ans. False

16. All the care that travel in the tunnels will be carried by rail shutters.

Ans.True

PASSAGE D: In the past helicopters were forced to ground or crash because of the formation of th
rotors and engines. A new electronic device has been developed which can detect the watercontel
atmosphere and warns the pilot if the temperature is below freezing temperature about the format
the rotors and wings.

Answer questions 17-20 based on passage D

17.The electronic device can avoid formation of the ice on the wings

Ans.False

18. There will be the malfunction of rotor & engine because of formation of ice

Ans.True

19. The helicopters were to be crashed or grounded

Ans.True

20. There is only one device that warn about the formation of ice

Ans.True

PASSAGE E: In the survey conducted in mumbai out of 63 newly married house wives not a single
that the husbands should take equal part in the household work as they felt they loose their powe
husbands. Inspite of their careers they opt to do the kitchen work themselves after coming back t
get half as much leisure time as the husbands get at the week ends.

Answer questions 21-23 based on passage E

21.Housewives want the husbands to take part equally in the household

Ans.False

22. Wives have half as much leisure time as the husbands have

Ans. False

23. 39% of the men will work equally in the house in cleaning and washing

Ans. False

PASSAGE F: Copernicus is the intelligent. In the days of copernicus the transport and technology c
less & it took place weeks to comunicate a message at that time,wherein we can send it through :
time.Even with this fast developments it has become difficult to understand each other.

Answer questions 24-27 based on passage F

24. People were not intelligent during Copernicus days

Ans.False

25. Transport facilities are very much improved in noe a days

Ans.Can't say

26. Even with the fast developments of the techonology we can't live happily.

Ans. Can't say

27. We can understand the people very much with the development of communication

Ans. False.

PASSAGE G: Senior managers warned the workers that because of the intfoductors of japanese i
market. There is the threat to the workers.They also said that there will be the reduction in the pu
sales of car in public.the interest rates of the car will be increased with the loss in demand.

Answer questions 28-31 based on passage G

28. Japanese workers are taking over the jobs of indian industry.

Ans.False

29.Managers said car interests will go down after seeing the raise in interest rates.

Ans.True

30. Japanese investments are ceasing to end in the car industry.

Ans. False

31. People are very interested to buy the cars.

Ans.False

PASSAGE H: In the totalitariturican days,the words have very much devalued.In the present day,tl
domestic that is the words will be much more devalued. In that days, the words will be very much
political area.but at present,the words came very cheap .We can say they come free at cost.

Answer questions 32-34 based on passage H

32.Totalitarian society words are devalued.

Ans.False

33. Totalitarians will have to come much about words

Ans.True

34. The art totalitatian society the words are used for the political speeches.

Ans. False

PASSAGE I: There should be copyright for all arts. The reele has came that all the arts has come u right society,they were use the money that come from the arts for the developments . There may I will come from the Tagore works. We have to ask the benifiters from Tagore work to help for the d works.

Answer questions 35-39 based on passage I

35. Tagore works are came under this copy right rule.

Ans. False

36. People are free to go to the public because of the copy right rule.

Ans.Can' t say

38. People gives to theater and collect the money for development.

Ans.Can' t say

39. We have ask the Tagore resedents to help for the developments of art.

Ans.Can' t say

PYSCHOMETERIC TEST

You don' t need to fret much about this test. This test consists of 150 questions and is just a pyshc should be answered confidently and doesn' t require any preparation.One must try being consiste as the same questions are repeatedly asked in different forms.Also one must answer all questions. yes,no or can' t say kind.

1. Will you be interested in social activities.

2. While going upstairs do you move two steps at a time.

3. Can you make friends with people of the same sex or with opposite sex also

4. Your friends consider you as a leader in your group

5. People think that your' e serious minded.

6. There are times you feel dull without any reason.

7. You host several parties

8. When relatives come to your house do you entertain them.

9. You can work for long hours without tireness.

10. In your company you want to lead the organisation.

NOTE:EACH OF THE QUESTIONS GIVEN BELOW APPEAR AS MULTIPLE CHOICE QUESTIONS IN THE

VERBAL SECTION

Directions for questions 1-15:Find the **synonyms** of the following words

1. Depreciation

Ans. Deflation, Depression, Devaluation, fall, slump in value

2. Deprecate

Ans. Feel and express disapproval of

3. Incentive

Ans. Thing one encourages a person to do something

4. Echelon

Ans. Level of authority or responsibility

5. Innovation

Ans.To make changes or introduce new things

6. Intermittant

Ans. Externally stopping and then starting

7. Detrimental

Ans.Harmful

8. Aberration

Ans. Deviation

9. Conciliation

Ans.To make less angry or more friendly

10. Orthodox

Ans.Conventional or superstitious

11. Fallible

Ans.Liable to err

12. Volatile

Ans.Ever changing

13. Manifestion

Ans.Clear or obvious

14. Connotation

Ans. Suggest in addition to the fundamental meaning

15. Reciprocal

Ans. Reverse, Opposite

QUANTITATIVE SECTION

1. There are 150 weights .Some are 1 kg weights and some are 2 kg weights. The sum of the wei
is the number of 1kg weights?

Ans. 40

2. A is driving on a highway when the police fines him for overspeeding and exceeding the limit b
same time B is fined for overspeeding by twice the amount by which A exceeded the limit.If he wo
km/hr what is the speed limit for the road?

Ans. 15 kmph

3. A moves 3 kms east from his starting point . He then travels 5 kms north. From that point he m
east.How far is A from his starting point?

Ans. 13 kms

4. A car travels 12 kms with a 4/5th filled tank.How far will the car travel with 1/3 filled tank?

Ans. 5 kms

5. The sum of the digits of a two digit number is 8. When 18 is added to the number, the digits are
the number?

Ans. 35

6. The cost of one pencil, two pens and four erasers is Rs.22 while the cost of five pencils, four pen
erasers is Rs.32.How much will three pencils, three pens and three erasers cost?

Ans. 27

7. Fathers age is 5 times his son's age. 4 years back the father was 9 times older than son.Find th
age.

Ans. 40 years

8. What number should be added to or subtracted from each term of the ratio 17 : 24 so that it be
1 : 2.

Ans. 10 should be subtracted

9. What is the 12th term of the series 2, 5, 8, ...

Ans. 35

10. If 20 men take 15 days to to complete a job, in how many days can 25 men finish that work?

Ans. 12 days

11. In a fraction, if 1 is added to both the numerator at the denominator, the fraction becomes 1,
subtracted from the denominator, the fraction becomes 3/4. Find the fraction.

Ans. 3/7

12. If Rs.1260 is divided between between A, B and C in the ratio 2:3:4, what is C's share?

Ans. Rs. 560

13. A shopkeeper bought a watch for Rs.400 and sold it for Rs.500.What is his profit percentage?

Ans. 25%

14. What percent of 60 is 12?

Ans. 20%

15. Hansie made the following amounts in seven games of cricket in India: Rs.10, Rs.15, Rs.21, and Rs.17(all figures in crores of course).Find his average earnings.

Ans. Rs.16 crore

CRITICAL REASONING SECTION

This section is basically just a reading comprehension section.The critical reasoning section consis passages followed by 4 to 7 questions per passage.The questions are such that they require ability comprehend.The questions asked in this section have three choices TRUE, FALSE, CAN'T SAY.Som passages are given in test 1.For further practice you may go through any GRE or CAT book which with ample practice regarding these kinds of questions.

PYSCHOMETERIC TEST

This test consists of 150 questions and is just a pyshcology test which should be answered confide require any preparation.One must try being consistent while answering as the same questions are in different forms.Also one must answer all questions.Questions are of yes or no kind.

example:

Are you sincere?

If you find a purse in the market with loads of money would you return it to the rightful owner?

While climbing up the stairs do you take two steps at a time?

Do you drink and smoke more than you think you should?

Are you the life of the party you attend?

Are you shy?