

this is vocabulary section in tcs paper!  
with solutions

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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:acquire  
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 difference between the above two?

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 |grep mary)
do
sleep(60)
done
```
- 8.Linkng 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 NUMBER S 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 oranges 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 counterfeit what is minimum number of weighings to find out counterfeit 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 chosen 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.

#### TCS

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> 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 REASONING. (COMPREHENSION) 50 BITS 50 MARKS
25
MIN.
> 4. PSYCHOMETRIC TEST. 150 BITS 150 MARKS
30 MIN
>
-----
> 250 MARKS 90
MIN
>
-----
>
>
> THE PSYCHOMETRIC TEST IS SIMPLE AND THERE IS N

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0

> 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.

 $\gamma$ 

> 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.

 $\succ$ 

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

$$>$$
 $\succ$  $\geq$  $\succ$  $\succ$ 

>THERE WILL BE NO NEGATIVE MARKING. TIME 90 Min., APPEARED FOR EXAM

$$= 255$$

>STUDENTS

>SELECTED FOR INTERVIEW =122, FINALLY SHORT LISTED = 55

STUDENTS.

 $\succ$ 

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

>DIRECT ANSWERS :

 $\gamma$ 

>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  $1\frac{1}{4}$  gallons mor3 in going than coming. wha

t

is

> the fiel consumed in coming up? (2 gallons)

> 4. low temperature at the night in a city is  $\frac{1}{3}$  more than  $\frac{1}{2}$   
> 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 ? ( $\frac{1}{3}$ ).

> 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 height 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 tim

e

> 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 towards the center  
in  
> hours. At the same rate how much far will it move in hrs.  
> (but Ans is  $8/3$  or  $2\frac{2}{3}$ ).  
>  
>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 fro  
m  
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  
>cholesterol  
> based gall stones(t).  
>  
>3. Hacking is illigal entry into other computer. this is done mostl

Y

>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. alpine 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 o  
f

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 increase  
 d  
 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 politica  
 l  
 >area.but  
 > at present,the words came very cheap .we can say they come fre  
 e  
 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 SECTIO  
 N

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 giv

e

same

>ans's.