

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: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

```

O
 > 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 REPEATE 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 $1\frac{1}{4}$ 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 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 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

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>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 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

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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.