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Hello Friends,

Firstly I would like to thanks freshersworld.com and m4maths.com and all my friends for supporting me and final result was my selection in TCS. Really I believe in that" Long hours doesn't mean anything ,it's the result that counts not mere efforts".

So friends let me describe my success story:

On 15/01/2011 Tcs conducted written examination. Around 410 students participated and finally 256 students were selected in this written examination and then after INTERVIEW session finally 173 students were selected. And by this figure our college has made a record of maximum no of selections in M.P.

So Selection Procedure is divided into 3 stages:

[1] Written Test
[2] Technical Interview
[3]HR interview

[1]Written Test:

Written test consists of 35 questions 80 mins, It is a online test.

Q1. (1/2) of a number is 3 more than the (1/6) of the same number?
a) 6 b)7 c)8 d)9
Solution: Let the number be x, ((1/2)*x)=3+(1/6)*x, Then solve x

Q2. There are two water tanks A and B, A is much smaller than B. While water fills at the rate of 1 liter every hour in A, it gets filled up like, 10, 20, 40, 80, 160 in tank B. (At the end of first hour, B has 10 liters, second hour it has 20 liters and so on). If tank B is 1/32 filled of the 21 hours, what is total duration of hours required to fill it completely?
a) 26 B)25 c)5 d)27
Solution: for every hour water in tank in B is doubled, Let the duration to fill the tank B is x hours. x/32 part of water in tank of B is filled in 21 hours, Next hour it is doubled so, 2*(x/32) part i.e (x/16) part is filled in 22 hours, Similarly (x/8)th part in 23 hours, (x/4)th part is filled in 24 hours, (x/2)th part is filled in 25 hours, (x)th part is filled in 26 hours So answer is 26 hours.

Q3. Out of 7 children the youngest is boy then find the probability that all the remaining children are boys
a)1/64 b)1/32 c)1/128 d)1/256
Solution: Probability of a boy or girl is ½ So for remaining 6 it's – {1/2}^6= 1/64

Q4.A lady has fine gloves and hats in her closet- 14 blue, 20 red, and 18 yellow. The lights are out and it is totally dark. In spite of the darkness, she can make out the difference between a hat and a glove. She takes out an item out of the closet only if she is sure that if it is a glove. How many gloves must she take out to make sure she has a pair of each color?
a) 50 b) 8 c) 40 d) 42
Solution: This is the most repeated question in Tcs so prepare it well It has no logic but it's answer comes like this :- Firstly add 2 max values i.e 20+18=38 Then add 2 to answer i.e. 38+2=40 so this is the answer.

Q5. Sangakara and Ponting selects batting by using a dice, but dice is biased. So to resolve, Ponting takes out a coin. What is the probability that coin shows correct option?
a)1/2 b)1/6 c)1/12 d)6/10
Solution is ½.

Q6. On planet korba, a solar blast has melted the ice caps on its equator. 9 years after the ice melts, tiny planetoids called echina start growing on the rocks. Echina grows in the form of circle, and the relationship between the diameter of this circle and the age of echina is given by the formula d = 4*√ (t-9) for t ≥ 9 where d represents the diameter in mm and t the number of years since the solar blast.Jagan recorded the radius of some

echina at a particular spot as 7mm. How many years back did the solar blast occur?
a) 17 b) 21.25 c) 12.25 d) 14.05

Solution: radius =7mm, then diameter 2*radius, substitude diameter the in above equation you will get answer

Q7) Ferrari S.P.A is an Italian sports car manufacturer based in Maranello, Italy. Founded by Enzo Ferrari in 1928 as Scuderia Ferrari, the company sponsored drivers and manufactured race cars before moving into production of street-legal vehicles in 1947 as Ferrari S.P.A. Throughout its history, the company has been noted for its continued participation in racing, especially in Formula One where it has employed great success .Rohit once bought a Ferrari. It could go 4 times as fast as Mohan's old Mercedes. If the speed of Mohan's Mercedes is 35 km/hr and the distance traveled by the Ferrari is 490 km, find the total time taken for Rohit to drive that distance.
 a) 20.72 b) 3.5 c) 238.25 d) 6.18

Solution: Speed of Ferrari =4*35=140,time=distance/velocity,

Q.8Entry ticket to an exhibition ranges from 1p to 31p. You need to provide exact change at the counter. You have 31p coin. In how many parts will u divide 31p so that u will provide the exact change required and carry as less coins as possible?
 a) 4 b) 5 c) 6 d) 7

Solution:- will be 5. for 31p, we divide it 1,2,4,8,16.

Q9. John buys a cycle for 31 dollars and given a cheque of amount 35 dollars. Shop Keeper exchanged the cheque with his neighbor and gave change to John. After 2 days, it is known that cheque is bounced. Shop keeper paid the amount to his neighbor. The cost price of cycle is 19 dollars. What is the profit/loss for shop keeper?
a)loss 23 b)gain 23 c)gain 54 d)Loss 54

Solution:-23 loss as he has to pay 35 dollar to neighbor he has only 31 remaining so 35-31=4 and cycle costs 19 dollar so total loss=19+4=23 dollar

Q.10.if there are 30 cans out of them one is poisoned if a person tastes very little he will die within 14 hours so if there are mice to test and 24 hours to test, how many mices are required to find the poisoned can?
A)3 B)2 C)6 D)1

solution:-1 Because in that problem they didn't mention the details like,one mice take 2 hr or 3hr etc..they told only 24 hr to test..so 1 mice is enough..rest are useless words.

Q.11.A Sheet of paper has statements number from 1 to 20.Statement n says "At least n of the statements on this sheet are true".which statements are true and which are false ?
a.The even no statements are true and the odd no statements are false.
b.the 1st 13 statements are false and rest are true.
c.the 1st 6 statements are true and rest are false
d.the odd no statements are true and even no. are false.

Solution:- this type of question was repeated 3 times but for different case. For this type of Questions, follow this: At least- Ist half are true, Last half are false Exactly- Last second one is true or (N-1)th Statement is true Almost- All are true. So correct answer is (C)

Q.12. On the planet Oz, there are 8 days in a week- Sunday to Saturday and another day called Oz day. There are 36 hours in a day and each hour has 90 min while each minute has 60 sec. As on earth, the hour hand covers the dial twice every day. Find the approximate angle between the hands of a clock on Oz when the time is 12:40 am.

Solution:- 89 deg 36hrs a day mane the clk will b of 18hrs.
18hrs covrs 360deg thus 1hr covrs 20deg
12 hrs covrs 12*20=240deg ekhon,1 hr in 90min thus in 90min the hour hand goes 20deg tai, for 1min hr hand goes 2/9deg sei jonne, for 40 min hour hnd goes (2/9)*40deg=80/9deg=9deg(approx) thus hr hand covrs total of 240+9=249deg now min hand covrs=40*4=160deg (karon, 90min=360deg 1min=4deg) thus angle betwn them 249-160=89deg :)

Q.13. There are 5 materials to make a perfume: Lilac, Balsamic, Lemon, and Woody and MI mosaic. To make a perfume that is in demand the following conditions are to be followed: Lilac and Balsamic go together. Woody and MI mosaic go together; Woody and Balsamic never go together. Lemon can be added with any material. (Actually they had also mentioned how much amount of one can be added with how much quantity of the other; but that's not needed for the question.) All of the following combinations are possible to make a perfume except:

1) Balsamic and Lilac 2) Woody and Lemon 3) MI mosaic and Woody 4) MI mosaic and Lilac

Solution:-First is acceptable for perfume since balsamic and liliac are given to be present and second is also acceptable as lemon can be added with any of four ,third is also acceptable as given in question...left fourth is not acceptable as MI mosaic is always with woody...and balsamic is always with liliac ..therefore combination of MI mosaic and liliac cant occur because woody and balsamic are never together

Q14: Alok and Bhanu play the following min-max game. Given the expression N = 15 + X*(Y – Z) Where X, Y and Z are variables representing single digits (0 to 9), Alok would like to maximize N while Bhanu would like to minimize it. Towards this end, Alok chooses a single digit number and Bhanu substitutes this for a variable of her choice (X, Y or Z). Alok then chooses the next value and Bhanu, the variable to substitute the value. Finally Alok proposes the value for the remaining variable. Assuming both play to their optimal strategies, the value of N at the end of the game would be? Note: For this type of questions: x+y-z=11 x-y-z=2 x*(y+z)=18 wht shud be the approach to do such type of prob??

Solution:- this question was repeated 3 times for different cases yeah tcs has this 3 type of questions where there is x+y-z,=11 x-y-z ==2 and x*(y+z)=18 if an integer is added to any of the above equations just add the integer to the value of the equations...for example in this case it would be 15+18=33....(dont ask me for explanations why this value comes for those equations..it took me some gruelling sessions to understand that )

Q.15) Consider two tumblers, the first containing Water and next contains coffee. Suppose you take one spoon of water out of the first tumbler and pour it into the second tumbler. After moving you take one spoon of the mixture from the second tumbler and pour it back into the first tumbler . Which one of the following statement holds now?

a) There is less coffee in the first tumbler than water in the second tumblers
b) There is more coffee in the firs tumbler than water in the second tumbler
 c) There is as much coffee in the first tumbler as there is water in the second tumbler
d)None of the statements holds true

Solution:- a there is less coffee in the first tumbler than water

Q.16-Shreya writes 1st 100 whole num. let A and B be the num of times she writes 0 and 9 respectively,find the value of A+B

Solution:- first 100 whole nos=0 to 99. thus A=no.of 0's=(0,10,20,30,40,50,60,70,80,90)=10 B=no. of 9's=(9,19,29,39,49,59,69,79,89,90,91,92,93,94,95,96,97,98,99)=20 A+B=30

Q.17-When my uncle died,he left a will instructing his executers to divide his estate of 19,80,000 in this manner.Every son should receive 3 times as much as a daughter and that evry daughter should get twice as much as their mother. what is my aunt's maximum share if my uncle has atleast one son and one daughter?

(a)19,80000 (b)9,90,000 (c)3,30,000 (d)2,20,000 (e)1,98,00

Solution:- 1+2+6=9 1980000/9=220000 220000(mother) 440000(daughter) 1320000(brother) Answer is 220000(d)

Q.18-There are 3 boys A,B,C and 2 girls D,E. D always sit right to A.girls never sit in extreme positions and in the middle position. C always sits in the extreme positions. who is sitting immediate right to E?

Solution:- A D B E C right of e is c I think that's enough questions.

Now come to interview part:

Interview:

Technical: Only thing you need to keep in mind while interviewing is u should be confident while replying. And English is must.

Ok so as I am a Electronics student I"ll suggest some topics from which interviewer asks questions:

1. DIGITAL ELECTRONICS BASIC
2. DIODES BASIC
3. TERMS LIKE AMPLIFIER,IC,FILTER just their definition
4. C/C++
5. Diff between 8085 and 8086
6. Communication basics
7. 1G,2G,3G,GSM,CDMA…etc just basics
8. OSI LAYER MODEL
9. LAN,WAN,MAN
10. ROUTER AND TOPOLOGIES, TCP/IP MODEL.

Be confident while replying and prepare technical well .Don't go in deep just take overview of all subjects.

HR:

Then for HR interview you must prepare yourself well. Some key questions that are asked are:

1. Strengths, weakness,

Ans: You should prepare your strengths and weakness a few days earlier from interview. And u should also make examples of ur strengths and weakness. Like when u say u r a good learner then u should be capable of giving a relevanr real life example where u can say u was a good learner.

2. Hobbies

Ans- Don't make fake hobbies . always make real hobbies that u actually do in free time. Bcoz they r going to ask a lot of questions from ur hobbies part. Like my hobbies include Photography so they asked me which camera do u use,features of that camera, latest photo u shoot, what u do with the photos, etc. so be prepare.

3. Extra co-curricular activities

Ans- Explain work u have done apart from ur studies.

4. Tell me about yourself:

Ans- Tell ur whole Bio data and try to bring fluency while speaking about urself.

5. What experience do you have in this field?

6. What do you know about this organization?

Ans: This is most important part. You should search about TCS and know latest happenings,awards won by TCS and a little history of TCS. U can go to www.wikipedia.org for that information.

7. Are you a team player?

8. Why should we hire you?

Ans- Here also u need to tell ur strength. And how company is going to benefit from it.

9. What is your greatest strength?

10. Tell me about your dream job?

11. What is more important to you: the money or the work?

12. Are you willing to work overtime? Nights? Weekends?

13. Would you be willing to relocate if required?

14. Do you have any questions for TCS?

Ans- this is also important to ask a question at last of the interview so prepare a question in ur mind before going to interview . and never ask about Payscale ,working hours and all these cheap thinkings that comes in ur mind. U can go for socialism if u like social services. And many other questions are there.But what is more important is, to ask a question because that shows ur interest in company.

Last point: Finally I would say that u should prepare urself for HR interview few days earlier by having interviews with ur friends and preparing for questions…Remember one thing friends don't create fake hobbies/strengths otherwise they"ll caught u. common yar

they r doing all india Recruitment u can't lie with them .They have got experience in this interviewing field.

Okk friends I think that's sufficient. Only thing that I would like to say is that: "SUCCESS IS THE FIRST THING THAT SHOULD ALWAYS BE IN UR MIND" Hope this file will help you.

Bye

For any further query mail me rohittomar2009@gmail.com

See you in TCS

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