

**TCS Latest Placement Paper Aug 22nd 2010 at SJB college Of Eng,bangalore**

Aptitude Test consists of 35 questions and here we have been given Negative Marking of 0.33 per wrong answer. At the selection the bench mark was 22marks.

It's an easy test where more than 25 questions can be cleared easily

Coming to questions first search for the numerical data in the questions and just the logic how the questions can be solved

**1.** Two bowls are taken, one contains water and another contains tea. one spoon of water is added to second bowl and mixed well, and a spoon of mixture is taken from second bowl and added to the first bowl. Which statement will hold good for the above?

(Ans: second liquid in first bowl is smaller than the first mixture in second bowl)

**2.** Which is the smallest no divides 2880 and gives a perfect square?

a.1 b.2 c.5 d.6

Ans: c

**3.** Form 8 digit numbers from by using 1, 2,3,4,5 with repetition is allowed and must be divisible by4?

a.31250 b.97656 c.78125 d.97657

Ans: c

**4.** One problem on  $(a^3-b^3)/(a^2+ab+b^2)$

Ans: 'a-b'

**5.** Rearrange and categorize the word 'RAPETEKA'?

Ans: bird

**6.** In school there are some bicycles and 4wheeler wagons. one Tuesday there are 190 wheels in the campus. How many bicycles are there?

Ans: 15

**7.** Key words in question (Fibonacci series, infinite series, in the middle of the question one number series is there....I got the series 3 12 7 26b 15?

Ans:54

(Logic:  $3*2+1=7$   $12*2+2=26$

$7*2+1=15$   $26*2+2=54$ )

**8.** A father has 7 penny's with him and 1 water melon is for 1p, 2chickoos for 1p, 3 grapes foe 1p.he has three sons. How can he share the fruits equally?

Ans: 1 watermelon,2chickoos,1grape

**9.** A lies on mon, tues, wed and speak truths on other days, B lies on thur, fri, sat

and speaks truths on other days.. one day a said I lied today and B said I too lied today. What is the day?

**10.** Man, Bear, North, South, walks.

Ans: White

**11.**  $(1/2)$  of a number is 3 times more than the  $(1/6)$  of the same number?

Ans: 9

**12.** There are two pipes A and B. If A filled 10 liters in hour B can fills 20 liters in same time. Likewise B can fill 10, 20, 40, 80,160....if B filled in  $(1/16)$  th of a tank in 3 hours, how much time will it take to fill completely?

Ans:7 hours

**13.** KEYWORDS: T.Nagar, Chennai, 1-100, prime numbers b/n 140-180, How many 2's are there?

Ans: 20 (Not only 2's ,1's,3's,4's,5's,6's,7's,8's,9's,0's also 20)

**14.** One question has last part like difference between two terms is 9 and product of two numbers is 14, what is the squares of sum of numbers?

Ans:109

**15.** A man is standing before a painting of a man and he says I have no bro and sis and his father is my father's son?

Ans: His son

**16.** What is the value of  $[(3x+8Y)/(x-2Y)]$ ; if  $x/2y=2$ ?

Ans:10 {the numerical may change}

**17.** A pizza shop made pizzas

with to flavours.in home there are 'N' different flavors, in that 'M' flavors are taken to made pizza.in how many ways they can arrange?

(Logic:  $NcM$  )

**18.** One grandfather has three grandchildren, two of their age difference is 3, eldest child age is 3 times youngest child's age and eldest child's age is two times of sum of other two children. What is the age of eldest child?

Ans:15

**19.** In a market 4 man are standing .the average age of the four before 4years is 45,after some days one man is added and his age is 49.what is the average weight of all?

Ans: 49

**20.** KEYWORDS: one organization ,material labor and maintenance are in the ratio of 4:6:7,the material cost is:100,what is the total cost?

Ans: 425

**21.** KEYWORDS: density, reluctance, sensitivity, voltage ,current, what is the resistance Formula is " $R=V/I$ "

**22.** KEYWORDS: Sports readers,10 tables,4chairs per table, each table has differentnumber of people then how many tables will left without at least one person?

Ans : 6

**23.** KEYWORDS: Die, card, coin, b/n 2 to 12

Ans: All are equal

**24.** In a school for a student out of a 100 he got 74 of average for 7 subjects and he got 79 marks in 8th subject. what is the average of all the subjects?

Ans: 74.625

**25.** In a question ,last part has ,the ages of two people has the ratio of 6:6 and by adding the numbers we get 44,after how many years the ratio would be 8:7?

Ans: 8

**26.** Two years before Paul's age is 2times the Alice age and the present age of Paul is 6times the Alice. what is the presents Paul's age???( 3years) "u try to solve this question once"

**27.** One train travels 200m from A to B with 70 km/ph. and returns to A with 80kmph, what is the average of their speed?

This are the only question which i remember

All The Very Best to my dear friends !