It cinsist of 35 questions all are quantitative. Time is 80 mins. Its special offer for our Siddhartha but in general time will be only 60 mins cut off was not declared.

1) 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, 2 chickoos, 1 grape

2) Both questions are just 1st question but changed values.

3) 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

4) In a market 4 man are standing. The average age of the four before 4 years is 45, aftyer some days one man is added and his age is 49. What is the average weight of all?    
I am not sure but question is like this, very easy

5) A question on average speed

Hint: Formula{(2\*v1\*v2)/(v1+v2)}

6) A question on ratio of ages between ages. Just like ages of two persons is 6:5 sum of their ages is 44 ofter how many years the ratio would be 8:7?  
Ans: 8 (may be some different value)

7) A large story  bla bla bla at last speed of train given and time was given caliculate distance.

Hint:   S=T\*V

In some times you have to convert time from km/hr to m/sec or vise versa.

Formula: kmph--to--m/sec-- multiply with (5/18)

m/sec --to--kmph-- multiply with (18/5);

8) A question on cubes: A hollow cube of size 5 cm is taken, with a thickness of 1 cm. It is made of smaller cubes of size 1 cm. If 4 faces of the outer surface of the cube are painted, totally how many faces of the  
smaller cubes remain unpainted?

a)800  b)488  c)900

9) A hare and a tortoise have a race along a circle of 100 yards diameter. The tortoise goes in one direction and the hare in the other. The hare starts after the tortoise has covered 1/5 of its distance and that too leisurely. The hare and tortoise meet when the hare has covered only 1/8 of the distance. By what factor should the hare increase its speed so as to tie the race?

a) 5 b) 37.80 c) 8

10) The IT giant Tirnop has recently crossed a head count of 150000 and earnings of $7 billion. As one of the forerunners in the technology front, Tirnop continues to lead the way in products and services in India. At Tirnop, all programmers are equal in every respect. They receive identical salaries ans also write code at the same rate.Suppose 12 such programmers take 12 minutes to write 12 lines of code in total. How many lines of code can be written by 72 programmers in 72 minutes?

a) 12  b) 72  c) 6

11) I am surprised that there are three qustions again repeated by just changing numbers(very easy )

12) This question is simple very simple this much long question is common in written exam neglect unnecessary data.

You have to learn how to catch necessary data from whole stuff.

13) 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 enjoyed great success. Rohit once bought a Ferrari. It could go 2 times as fast as Mohit's old Mercedes. If the speed of Mohit's Mercedes is 32 km/hr and the distance travelled by the Ferrari is 952 km, find the total time taken for Rohit to drive that distance.

a) 14.88  b) 476  c) 15.88

14) The teacher is testing a student's proficiency in arithmetic and poses the following question. 1/3 of a number is 3 more than 1/6 of the same number. What is the number? Can you help the student find the answer?

a) 18  b) 21 c) 6

15) There are two water tanks A and B, A is much smaller than B. While water fills at the rate of one litre  
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 litres, second hour it has 20, and so on). If 1/32 of B's volume is filled after 3 hours, what is the total duration required to fill it completely?

a) 7 hours b) 9 hours c) 10

16) Again this below question is repeated thrise by changing values.

Alok and Bhanu play the following min-max game. Given the expression 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

a) 9 b)-18 c) 4

17) See this question how easy; but he twisted it in very nice way.

Taste it:

A circular dartboard of radius 1 foot is at a distance of 20 feet from you. You throw a dart at it and it  
hits the dartboard at some point Q in the circle. What is the probability that Q is closer to the center  
of the circle than the periphery?

a) 0.75  b) 1  c) 0.5  d) 0.25

18) On planet zorba, a solar blast has melted the ice caps on its equator. 8 years after the ice melts, tiny plantoids called echina start growing on the rocks. Echina grows in the form of a circle and the relationship between the diameter of this circle and the age of echina is given by the formula

d = 4 \* √ (t - 8) for t ≥ 8

Where the 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 8mm. How many years back did the solar blast occur?

a) 24 b) 12 c) 8 d) 16

19) This is very simple but  a little bit twisted.

For the FIFA world cup, Paul the octopus has been predicting the winner of each match with amazing success. It is rumored that in a match between 2 teams A and B, Paul picks A with the same probability as A's chances of winning.   
  
Let's assume such rumors to be true and that in a match between Ghana and Bolivia, Ghana the stronger team has a probability of 2/3 of winning the game. What is the probability that Paul will correctly pick the winner of the Ghana-Bolivia game?

a) 4/9  b) 2/3 c) 1/9 d) 5/9

20) People {a1, a2, ..., a36} meet and shake hands in a circular fashion. In other words, there are totally 36 handshakes involving the pairs, {a1, a2}, {a2, a3}, ..., {a35, a36}, {a36, a1}. Then size of the smallest set of people such that the rest have shaken hands with at least one person in the set is

a) 12  b) 13  c) 18  d) 11

21) Alice and Bob play the following coins-on-a-stack game. 20 coins are stacked one above the other. One of them is a special (gold) coin and the rest are ordinary coins. The goal is to bring the gold coin to the top by repeatedly moving the topmost coin to another position in the stack. Alice starts and the players take turns. A turn consists of moving the coin on the top to a position i below the top coin (0 ≤ i ≤ 20). We will call this an i-move (thus a 0-move implies doing nothing). The proviso is that an i-move cannot be repeated; for example once a player makes a 2-move, on subsequent turns neither player can make a 2-move. If the gold coin happens to be on top when it's a player's turn then the player wins the game.

Initially, the gold coinis the third coin from the top. Then

In order to win, Alice's first move should be a 0-move.

In order to win, Alice's first move should be a 1-move.

Alice has no winning strategy.

22) There are two questions like below. He changed a little in values and statement.

23) A sheet of paper has statements numbered from 1 to 40. For all values of n from 1 to 40, statement  
and says: 'Exactly and of the statements on this sheet are false'. Which statements are true and which are false?

a) The even numbered statements are true and the odd numbered statements are false.

b) The 39th statement is true and the rest are false.

c) The odd numbered statements are true and the even numbered statements are false.

d) All the statements are false.

24) After the typist writes 12 letters and addresses 12 envelopes, she inserts the letters randomly into the envelopes (1 letter per envelope). What is the probability that exactly 1 letter is inserted in an improper envelope?

a) 0  b) 12/212  c) 11/12  d) 1/12

25) There are three questions on this model just changed statements.

26) One day Rapunzel meets Dwarf and Byte in the Forest of forgetfulness. She knows that Dwarf lies on Mondays, Tuesdays and Wednesdays, and tells the truth on the other days of the week. Byte, on the other hand, lies on Thursdays, Fridays and Saturdays, but tells the truth on the other days of the week. Now they make the following statements to Rapunzel - Dwarf: Yesterday was one of those days when I lie. Byte: Yesterday was one of those days when I lie too. What day is it?

a) Thursday b) Tuesday c) Sunday d) Monday

27) India with a burgeoning population and a plethora of vehicles (at last count there were more than 20 million of them) has witnessed big traffic jams at all major cities. Children often hone their counting skills by adding the wheels of vehicles in schoolyards or bus depots and guessing the number of vehicles. Alok, one such child, finds only bicycles and 4 wheeled wagons in his schoolyard. He counts the total number of wheels to be 46. What could be the possible number of bicycles?

a) 25 b) 5  c)4