

**TCS – TEST on 14 – FEB 2004**  
**Corporate Training Facility, Technopark, Trivandrum, Kerala.**  
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**Disclaimer:** These questions were based on my experiences at the TCS exam, to help thousands of engineering job aspirants like me to be prepared for such exams. There is no profit motive or harmful intentions to spread this document. This is no case of paper-lifting or violation of non-disclosure agreements. I will **NOT** be legally responsible for any contents of this document. Using or distributing this document is at your own free will and risk.

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Online Test –Computer based (No OMR)  
Two Sections

? Aptitude Part -  
(1) Verbal (20 mins)  
(2) Reasoning (40 mins)

? Psychometric Test. (30 mins)

Only if you clear the first Aptitude Part, You will be allowed to take the Psychometric test. I found the Reasoning part very easy but tumbled at the Verbal part. Many previous Questions were repeated in reasoning part. But in Verbal part only one word was repeated for me. Since it was a computer-based exam, you get questions from a huge database and each get different questions. Infact I was prepared for the psychometric part too but failed in the aptitude part (possibly only due to the verbal part). I found the psychometric questions exactly same as that of given in the Chetana Group. (I saw them from my neighbour).

**Verbal Part**

SYNONYMS AND ANTONYMS. – 10 each.

I had mugged up all the words available in the previous questions in the Files section of Chetana Group. Based on my experience, there is no other sure way than mugging up the 3500 wordlist from GRE Barrons Book!!

**COMPREHENSION PASSAGE WITH BLANKS**

A very tough and boring passage with 6 blank spaces. Most like me didn't understand what they meant.

6 questions – select the appropriate sentence for each blank space from a list of 9 sentences. Whew! Not easy as they sound.

**A READING COMPREHENSION PASSAGE.**

A passage on Shares and buying shares through the Internet. Questions based on this passage.

## REASONING

- Find the missing no in the series.
- Find the odd one out. – one has to strike out from a list of names of Oses and other a list of databases.
- Find the singular matrix of the given matrices.
- Find the group of no.s with maximum standard deviation.
- In the word ORGANISATIONAL, if the first and second, third and fourth, fourth and fifth, fifth and sixth words are interchanged up to the last letter, what would be the tenth letter from right? Ans: I
- In Madras, temperature at noon varies according to  $-t^2/6 + 4t + 3$ , where t is elapsed time. Find the percentage difference in temperature b/w 4 and 9 pm.
- Something like the efficiency of 3 machines is individually 20 , 30, 40 %. Find the net efficacy if they are working separately.
- Given the length of the 3 sides of a triangle. Find the one that is impossible? (HINT: sum of smaller 2 sides is greater than the other one which is larger)
- $(\text{Momentum} \times \text{Velocity}) / (\text{Acceleration} \times \text{distance})$  find units. Ans: Mass
- My flight takes off at 2am from a place at 18N 10E and landed 10 Hrs later at a place with coordinates 36N70W. What is the local time when my plane landed. a) 6:00 am b) 6:40am c)7:40 d)7:00 e)8:00
- Match the following with Square - Polygon , sentence – paragraph etc
- A man, a woman, and a child can do a piece of work in 6 days. Man only can do it in 24 days. Woman can do it in 16 days and in how many days child can do the same work?
- Values like  $G(1)$  ,  $G(-1)$  etc and a function of  $G(N)$  given, Find  $G(4)$  ?
- Coding problem: Each letter is 3 backwards – The answer was QUICK .
- A graph given, find the relation.
- In a two-dimensional array, X (9, 7), with each element occupying 4 bytes of memory, with the address of the first element X (1, 1) is 3000; find the address of X (2, 5).
- In which of the system, decimal number (a no given) is equal to (another number) ?
- A question with company and power plant near to a river. Cost of laying cables? (Something different from the previous questions)
- Number of faces, vertices and edges of a cube ? ans 6 8 12
- A bar graph question of no of distributors and market share of a company .Questions like if this no of distributors left the company , find the percentage increase in the no of distributors etc.
- Questions based on a Venn- diagram of Football , Hockey and Cricket players.

Critical Reasoning involved 3 sets of questions.

- (1) A group of ministers and prime minister sitting .The position of Ministers from the Prime minister based on their ranks. A group of statements to identify their positions and portfolios. Questions based on them.
- (2) A group of cities A, B, C, D, E, F. Statements explaining their geographical positions like A is west of D and north of F etc. Questions based on them .

- (3) The same question given in GRE Barrons Book page 495 (12<sup>th</sup> Edition) Model Test 2 Section 6. – The one with Byram and Adoniram as code clerks in Pentagon and working as double agents.

## PSYCHOMETRY TEST

1. You start to work on a project with great deal of enthusiasm.
2. You would rather plan an activity than take part in it.
3. You have more than once taken lead in organizing project or a group of some kind.
4. You like to entertain guests.
5. Your interests change quickly from one thing to another.
6. When you eat a meal with others, you are usually one of the last to finish.
7. You believe in the idea that we should "eat, drink and be merry, for tomorrow we die."
8. When you find that something you have bought is defective, you hesitate to demand an exchange or a refund.
9. You find it easy to find new acquaintances.
10. You are sometimes bubbling over with energy and sometimes very sluggish.
11. You are happiest when you get involved in some projects that calls for rapid action.
12. Other people think of you as being very serious minded.
13. In being thrown by chance with a stranger, you wait for the person to introduce himself or herself.
14. You like to take part in many social activities.
15. You sometimes feel "just miserable" for no good reason at all.
16. You are often so much "on the go" that sooner or later you may wear yourself out.
17. You like parties you attend to be lively.
18. If you hold an opinion that is radically different that expressed by a lecturer, you are likely to tell the person about it either during or after the lecture.
19. It is difficult for you to chat about things in general with people.
20. You give little thought to your failures after they are passed.
21. You often wonder where others get all the excess energy they seem to have.
22. You are inclined to stop to think things over before you act.
23. You avoid arguing over a price with a clerk or sales person.
24. You would dislike very much to work alone in some alone place.
25. You often find it difficult to go to sleep at night because you keep thinking of what

happened during the  
day.

26. You find yourself hurrying to get to places even when there is plenty of time.
27. You like work that requires considerable attention to details.
28. You are satisfied to let some one else take the lead in group activities.
29. You enjoy getting acquainted with people.
30. It takes a lot to get you emotionally stirred up or excited.
31. You work more slowly and deliberately than most people of your sex and age.
32. You are a carefree individual.
33. When people do not play fair you hesitate to say anything about it to them.
34. It bothers you to have people watch you at your work.
35. You have usually been optimistic about your future.
36. You like to have plenty of time to stop and rest.
37. You take life very seriously.
38. You enjoy applying for a job in person.
39. You would like to be a host or hostess for parties at club.
40. You often feel uncomfortable or uneasy.
41. You are the kind of person who is "on the go" all the time.
42. You often crave excitement.
43. The thought of making a speech frightens you.
44. You find it easy to start conversation with strangers.
45. You often feel guilty without a very good reason for it.
46. People think you are a very energetic person.
47. You sometimes make quick decisions that you later wish you hadn't made.
48. You find it difficult to ask people for money or other donations, even for a cause in which you are interested.
49. You are so naturally friendly that people immediately feel at ease with you.
50. You daydream a great deal.
51. You are quick in your actions.
52. You have a habit of starting things and then losing interest in them.
53. When you were a child many of your playmates naturally expected you to be the leader.
54. You sometimes avoid social contacts for fear of doing or saying the wrong thing.
55. You have frequent ups and downs in mood, sometimes with and sometimes without apparent cause.
56. You always seem to have plenty of vigour and vitality.
57. It is difficult for you to understand people who get very concerned about things.
58. When a clerk in a store waits on others who come after you, you call his or her attention to the fact.
59. You would be very unhappy if you were prevented from making numerous social contacts.
60. There are times when your future looks very dark.
61. You sometimes wish that people would slow down a bit and give you a chance to catch up.
62. Many of your friends think you take your work too seriously.
63. You hesitate to walk into a meeting when you know that everyone's eye will be upon you.
64. You limit your friendships mostly to members of your own sex.

65. You almost always feel well and strong.
66. You seem to lack the drive necessary to get as much as other people do.
67. You make decisions on the spur of the moment.
68. You are rather good at bluffing when you find yourself in difficulty.
69. After being introduced to someone , you just cannot think of things to say to make good conversation.
70. You feel lonesome even when with other people.
71. You are able to work for unusually long hours without feeling tired.
72. You often act on the first thought that comes into your head.
73. At the scene of an accident, you take an active part in helping out.
74. You have difficulty in making new friends.
75. Your mood often changes from happiness to sadness or vice versa without knowing why.
76. You talk more slowly than most people.
77. You like to play practical jokes upon others.
78. You take the lead in putting life into a dull party.
79. You would like to belong to as many clubs and social organizations as possible.
80. There are times when your mind seems to work very slowly and other times when it works very rapidly.
81. You like to do things slowly and deliberately.
82. You are a happy-go-lucky individual.
83. When you are served stale or inferior food in a restaurant, you say nothing about it.
84. You would rather apply for a job by writing a letter than by going through with a personal interview.
85. You are often in low spirits.
86. You are inclined to rush from one activity to another without pausing enough for rest.
87. You are so concerned about the future that you do not get as much fun out of the present as you might.
88. When you are attracted to a person whom you have not met earlier you make an active attempt to get acquainted even though it may be quite difficult.
89. You are inclined to limit your acquaintances to select few
90. you seldom give your past mistakes a second thought.
91. You are less energetic than many people you know.
92. You often stop to analyzed your thoughts and feelings.
93. You speak out in meetings to oppose those whom you feel sure are wrong.
94. You are so shy it bothers you.
95. You are sometimes bothered by having a useless thought come into your mind over and over.
96. You get things in hurry.
97. It is difficult for you to understand how some people can be so unconcerned about the future.
98. You lie to sell things (i.e. to act as a sales person)
99. You are often "Life of the Party".
100. You find daydreaming very enjoyable.
101. At work or at play other people find it hard to keep up with the pace you set.
102. You can listen to a lecture without feeling restless.

103. You would rather work for a good boss than for yourself.
104. You can express yourself more easily in speech than in writing.
105. You keep in fairly uniform spirits.
106. You dislike to be hurried in your work.
107. You sometimes find yourself "crossing bridges before you come to them".
108. You find it somewhat difficult to say "no" to a sales person who tries to sell you something you do not really want.
109. There are only a few friends with whom you can relax and have a good time.
110. You usually keep cheerful in spite of trouble.
111. People sometimes tell you to "slow down" or "take it easy".
112. You are one of those who drink or smoke more than they know they should.
113. When you think you recognize people you see in a public place, you ask them whether you have met them before.
114. You prefer to work alone.
115. Disappointment affect you so little that you seldom think about them twice.
116. You are slow and deliberate in movements.
117. You like wild enthusiasm, sometimes to a point bordering on rowdyism at a football or baseball game.
118. You feel self conscious in the presence of important people.
119. People think of you as being a very social type of person.
120. You have often lost sleep over your worries.
121. You can turn out a large amount of work in a short time.
122. You keep at a task until it is done, even after nearly everyone else has given up.
123. You can think of a good excuse when you need one.
124. Other people say that it is difficult to get to know you well.
125. You daydreams are often about things that can never come true.
126. You often run upstairs taking two steps at a time.
127. You seldom let your responsibility interfere with your having a good time.
128. You like to take on important responsibilities such as organizing a new business.
129. You have hesitated to make or to accept "dates" because of shyness.
130. Your mood is very easily influenced by people around you.
131. Others are often amazed by the amount of work you turn out.
132. You generally feel as though you haven't a care in the world.
133. You find it difficult to get rid of sales person whom you do not care to listen or give your time.
134. You are a listener rather than a talker in a social conversation.
135. You almost always feel that life is very much worth living.
136. It irritates you to have to wait at a crossing for a long freight train to pass.
137. You usually say what you feel like saying at the moment.
138. You like to speak in public.
139. You like to be with people.
140. You generally keep cool and think clearly in exciting situations.
141. Other people regard you as a lively individual.
142. When you get angry, if you let yourself go, you feel better.
143. You seek to avoid all trouble with other people.
144. People seem to enjoy being with you.

145. You sometimes feel listless and tired for no good reason.  
 146. It is hard to understand why many people are so slow and get so little done.  
 147. You are fond of betting on horse races and games, whether you can afford it or not.  
 148. If someone you know has been spreading untrue and bad stories about you, you see the person as soon as possible and have a talk about it.  
 149. Shyness keep you from being as popular as you should be.  
 150. You are generally free from worry about possible misfortunes.

The following help (taken form Chetana group) will help you to present yourself as an leader ,energetic , social , serious about work etc !!!!!

### PSYCHOMETRY GROUPING

The 150 questions are grouped depending on the nature of the question. I would like to clearly state that this version has no guarantee to be the correct version. Actually some 30/150 questions fall in to many groups and the line differentiating them is very thin. I have tried my best to group them.

Talking about the groups- they are 11 in number. As I have mentioned- this is not the only correct version- but this can be one. So if u feel u can group them more finer u can subdivide them in to many more.

I would advise u strictly to go through the whole set of groups and define urselves- the key to psychometric test is to define who u are and then start looking in to deeply the questions.

Each group represents a character or personality- u will decide which of the following attributes u would like to include in ur personality.

#### GROUP 1 LEADERSHIP QUALITIES

2 3 28 39 53 73 103 128

#### GROUP 2 SOCIABLE NATURE

9 13 14 24 29 44 49 54 59 64 70 74 79 88 89 109 114 119 139

GROUP 3 BALANCED PSYCHE people who are balanced- not wavery in their moods etc.. etc...

10 15 16 35 40 41 45 52 55 60 65 75 80 95 105 130 145 148

#### GROUP 4 DAYDREAMERS

50 100 107 125

#### GROUP 5 PATIENCE AND ATTRIBUTE OF TAKING RID=GH T DECISIONS AFTER CAREFUL ANALYSIS

22 27 47 67 72 86 92 96 102 112 117 126 134 136 137 140 142 147

#### GROUP 6 EASYGOING AND CAREFREE NATURED PERSONALITIES

20 25 32 57 68 77 82 87 90 98 115 123 127 132 135 150

#### GROUP 7 ENTHUSIASTIC PERSONALITIES

17 42 66 78 85 99 110 141 144

#### GROUP 8 SLOW SLUGGISH DULL PERSONALITIES

11 21 30 31 36 46 51 56 61 76 81 91 106 116 101 146

#### GROUP 9 SERIOUS PERSONALITIES

12 26 37 62 97 111 120 124 143

#### GROUP 10 STRONG FULL OF ENERGY

121 122 131

GROUP 11 DIFFIDANT (shy, not able to ask even the most required thing.....  
etc..)

18 19 23 33 34 38 43(34) 48 58 63(34) 69 83 84(38) 93 104(34) 108 113  
118(34) 129 133 149

read the following before proceeding

the last group is bigger and within the group itself a small subgrouping is done- the no. in the bracket is the parent question to which the no outside the bracket belongs to- hope u understand

strictly- this may not be 100 % right as many questions look very similar. So go thru and make alterations if u feel so.

in each groups there r 2 kinds of questions- if u say yes to some and no to others u will land up at the same definition. So its ur common sense to understand the affirmative and negative tones of each question and answer accordingly- u shld know when to answer no and yes for each question in the same group-

some groups itself are opposite to each other and can be grouped together- but I have separated them on the basis of finer inferences eg:- serious persons cant be easy going type. if u say no to any question on serious group question u will land as an easygoing personality and vice versa- so they can be put under a single group- but some finer points prevent from doing so



**BEST of LUCK** to you guys  
and Good-bye for me to TCS for another six months.

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