

# TCS Sample Paper

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Company : TCS  
Date :  
College :  

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## SYNONYMS

Cliché	tarry
Muggy	dollish
Bouillon	mult
Incocus	godfly
Proximity	ignominous
Inclement	hidebound
clandestine	reticence
miscarprehensia	tantamount
estrangle	estrangle
predominant	probate
mawkish	misdemeanour
whimsical	bombastic
conclusive	repellent
awry	tenacious
avid	dangle
fidelity	acerbity
transient	ensue
aplomb	apex
acerbity	gambol

## QUANTITATIVE:

1. Edges, vertices and faces of a cube?
2.  $F(0)=1, F(1)=-1$ , and  $f(n)=f(n-1)-f(n-2)$ .. find  $f(5)$ ?
3. four matrices are given and asked to find the singular matrix?
4. a graph is given and values for x and y are given as such..find the relation between x and y?

x	y
0.999	0.00001
10.09	1.02
99.98	1.997
1000	3
9990	4.002

Ans:  $y = \log_{10}(x)$

5. @ is square, + is square root..what is the value of  $@@+(25)-++@9?$
6. one student got 1.2 in a subject and 3 in final.. another student got 1.45 in the same subject and got 3.5 in final... if a student got 6 in one subject then what is his final score?
7. energy \* velocity = = what is the unit??  
mass \* acceleration
8. odd man out in the  
AXP, ORACLE, INGRESS,DB2,SYBASE
9. odd man out in the  
java,LISP,EIFFEL,SMALLTALK,C++
10. FHQWLDQ is coded as CENTRAL then TXLFN is coded as ????
11. which of the following is power of 5?  
3125,3225....etc
12. which is the 9bit largest prime number?  
511,512,513,409
13. 1432 is converted into 242..then what is the base??
14. which of the following group has highest standard deviation?
  - 1) 2, 0, -2, 2, 0, -2
  - 2) 2, 2, 2, 2, 2, 2
  - 3) -2, -2, -2, -2, -2, -2
  - 4) 2, -2, 2, -2, 2, -2
15. areoplane flies from 60 deg E to 60 deg W longitude. Starts at 2am and reaches 9 hrs later. What is the time at y when it reached?
16. convert decimal 468 to base 5 number..
17. A-(BnC)... given 8 bit valyes for A,B,C?
18. graphs for  $y = \log x$  and  $y = 3x - 2$  were given and corresponding function were asked.
19. 3 angles of a triangle were given and the one option does not satisfy the triangle..
20. A is as twice fast as B.. B takes 12 days.. A+B how many days??
21. % is doubling and # is reciprocating  
find  $\frac{\%}{\#}(3) + \frac{\%}{\#}(1)$
22. fill the series 3, 5, 9, ....., 33, 466
23.  $M(373,5) + R(3.4) + T(7.7) + R(5.8)$   
,  
wher M is mod, R is round of T is truncate..
24.  $n = 10 * 18 * 38...$  which is not an integer  
 $\frac{n}{45}$   $\frac{n}{92}$   $\frac{n}{152}$
25. A,B,C are the mechanisms used ti reduge the wastage of fuel by 30%, 20%, 10%.. what will be the fuel economy if they were combined?
26. Power \* distance what is the unit ????  
velocity \* velocity
27. which base gives 1234 with decimal 310?  
Base6 base7 base5 base9 base10
28. Two complex numbers are given... find the orthogonal number pair?
29. a pie chart and bar diagram was given for a company and asked to find out about the yearly income, the growth rate..

### ANALYTICAL REASONNING

1. Four books – thriller , romance , science , mystery..  
four authors
  2. Barrons 13 th edition page no 487 qno 8-12(East Liverpool ...)
  3. barrons page no 585 qno 8-12 (Translator analys)
  4. page no 585 qno 13-16 (all B's are C's pbm)
  5. page no 585 qno 17-22 (seating arrangement)
- above all analys are from barrons 13 th edition
6. GRE 12 th edition – books publisher analyse
  7.  
There was a long journey and no fresh food so the people in ship got jaundice  
Mr. R suggested some acid with grassic & water  
Mr. X suggested lemon juice as it contains citric acid  
Mr. M tried to tired to treat 12 sick sailors he used little amt of dil sulphuric acid for 4 for other 4 –  
lemon juice and the vinegar only people took lemon got ok.  
a) Mr M uses how many controls  
Ans: 3  
b) Jaundice is due to
    - i) lack of fresh food
    - ii) long journey
    - iii) lack of lemon juice
    - iv) .....ans: lack of fresh food
  8. Host and Hostess ----- rectangle table format
  9. Barrons GRE 13 th edition page no. 434 ques no 1-4
  10. Barrons 13 th edition page no . 534 qno. 1-4 (section 6)
  11. barrons 13 th edition page no. 532 qno 17-22( dog show rank)
  - 12 . Barrons 13 th edition page no. 437 qno 1-4 ( section 6)