TCS TALENT TEST

QUESTION ALPHABHET- "F"
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PART - I
VERBAL REASONING

SYNONYMS:
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1. CIRCUMSPECT
(i)CONDITION (ii)INSPECT (iii)CAUTIOUS
(IV)RECKLESS
2. ABYSMAL
1.SLIGHT 2.DEEP
3. ILLUSTRIOUS
4. PROLIFIC
5. DILIGENT
1.INTELLIGENT 2.....
6. VEHEMENT
1.PASSIONATE 2.CONFESY 3.NOISY 4.MOQULIS
7. IMPETUS
1.CONNECT 2. CRUCIAL 3.STIMULUS 4. IMMEDIATE
8. ACRONYM
1. ABBREVIATION 2. SIMILAR
9. DISSEMINATE
1.FORECAST 2.SPREAD 3.BRANSP
10. HARBINGER
1.NAVAL 2. UNCOMMON 3.FORE RUNNER 4.GLORY

ANTONYMS:
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11. TRACTABLE
1.OBJECTIONABLE 2.ENJOYABLE 3.ADAPTABLE 4.OBSTINATE
12. COVERT
1.MANIFEST 2.INVISIBLE 3.SCARED 4.ALTER
13. PENSIVE
1.REPENTENT 2.SAD 3. THOUGHTLESS 4.CARELESS ANS: 3
14. MITIGATE
1.AGGRAVATE 2.RELIEVE 3.ELEMINATE 4.EXHUMAN
15. DIVERGENT
1.CONTRARY 2.COMING TOGETHER 3.CONVERSANT
4.CONTROVERSY
16. DOGMATIC
1.SCEPTICAL 2.RESILIENT 3.STUBBORN 4.SUSPICIOUS
17. CLUTCH
1. HOLD 2. GRAB 3.RELEASE 4.SPREAD
18. MOTLEY
1.BULKY 2. SPECKLED 3.HOMOGENEOUS 4.DIFFERENT
19. RELINQUISH
1.PURSUE 2.VANQUISH 3.DESTROY 4.DEVASTATE
20. TRANSIENT
1.PERMANENT 2.REMOVED

20- 26
FILL IN THE APPROPRIATE SENTENCES BETWEEN THE PASSAGE

27-32
READ THE PASSAGE AND ANSWER THE QUESTION

PART - II
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1. WHICH IS THE NEXT NO:
5,6,7,8,10,11,14,? ANS: 18

2. BFGE CODED AS CEHD THEN CODE PVHDJ ANS:
QUICK

3. FIND THE NO. OF Y FOLLOWED BY W BUT THAT IS NOT
FOLLOWED BY Z.
Y W R U D D Y W Z ...............

4. WHAT IS THE LARGEST PRIME NO THAT IS STORED IN 8
BIT PATTERN
ANS: 251 (NOT SURE)

5.WHICH WILL GIVE GOOD STANDARD DEVIATION
1. (7,0,-7,0,7) 2. (7,-7,7,-7,7) 3. (1,0,-1,0,1)

6. WHICH IS NOT A SIDE OF A RECTANGULAR
1. (2,3,4) 2.(3,4,7) 3. (3,5,9)

7.WHICH SHAPE WILL BE OBTAINED BY USING THESE VALUES
OF X ,Y
X Y
0 0.00001
10 1.02
100 1.72
1000 3.00
9999 4.72

8. WHICH EQUATION THAT BEST SUITS THIS CURVE
A LINE CUTS X AT -1 WHEN Y=0 AND X=0 WHEN Y=3 AND
GOES UPWARD
Y
X

9. A MAN , WOMAN AND A BOY JOINDLY DID A JOB IN 6
DAYS. A MAN ALONE FINISHES IN 10 DAYS, A WOMEN ALONE
FINISH IN 24 DAYS. THEN HOW MANY DAYS THE BOY CAN
TAKE TO FINSH?

10. FOR TEMPERATURE A FUNCTION IS GIVEN ACCORDING TO
TIME : ((t\*\*2)/6) + 4t +12
WHAT IS THE TEMPERATURE RISE OR FALL BETWEEN
4.AM TO 9 AM

11. AN AEROPLANE STARTS FROM A (SOME LATITUDE IS GIVEN
ACCORDING TO PLACE)AT 2 AM LOCAL TIME TO B(SOME
LATITUDE). TRAVELLLING TIME IS 10 HOURS. WHAT IS THE
LOCAL TIME OF B WHEN IT REACHES B

12. A FILE IS TRANSFERRED FROM A PLACE TO
ADESTINATION CAPABLE OF 10 KB . THEY GIVEN SOME RATE
OF TRANSFER. U HAVE FIND A EQUATION THAT BEST SUIT
THIS.

13. IN A PLANAR CUBE , THE NO. OF VERTICES, NO OF
EDGES AND NO OF FACES ARE
1. 6,6,6 2. 4,8,12 3.6 8 12 4.........

14. VENN DIAGROM below
1. HOW MANY PERSON KNOW ENGLISH MORE THAN FRENCH
2. HOW MUCH % OF PEOPLE KNOWS ALL THE 3 LANGUAGES
3. HOW MUCH % OF PEOPLE THOSE WHO KNOWS FRENCH AND
GERMAN AND NOT ENGLISH

FRENCH

15. CORRECT CHART WITH CORRECT VALUES

X- YEAR
Y- NO OF PERSONS
1. AVERAGE NO. OF PERSONS FROM 1995 - 1999
2. WHICH YEAR HAS LARGE DIFFERENCES IN NO OF PERSONS
3. IF 10% OF PEOPLE LEAVES THE OFFICE IN 1998 THEN,
HOW MANY FRESH CANDIDATES CAN BE ADDED IN THE NEXT
YEAR

16. WHAT IS THE VALUE OF
M(373, 7) + R(6.8) -T(3.4) + R( 3.4)
M- MODULAS R- ROUNDOFF T- TRUNCATE

2+7-3+3 == >9

17. WHAT IS THE VALUE OF
% # % (5) + # % # (2)
WHERE % - DOUBLING #- RECIPROCAL

18. MATCH THE FOLLOWING
A B
1. SENTENCE, PARAGRAPH 1. TYPE OF
2. BASMATI, WHEAT 2. A PART OF
3. BROTHER, SISTER 3. NOT A TYPE OF
4. BREIGAL, DOG 4. SIBLING
ANS: 1-> 2 2->1 3->3 4->4

19. G (0) =1 G (1)= -1 IF G (N)=2\* (G (N-1))- 3(G
(N-2)) THEN WHAT IS THE VALUE
OF G (4)?

20. A 0 0 0 0 1 1 1 1
B 0 0 1 1 0 0 1 1
C 0 1 0 1 0 1 0 1
( A U B ) P C

21. TIME DEGREE
2 7 ° 6' 43.15"
4 5° 31' 4.3"

THEN WHAT WILL BE THE DEGREE WHEN TIME IS 3 O CLOCK

22. THREE COMPANIES WORKING INDEPENDENTLY AND GET
SAVINGS 10%,
20%, 25%. IF THE COMPANIES WORK JUST OPPOSITE THEN
WHAT WILL BE THE NET SAVING?

23. WHICH ONE WILL BE THE EXACT POWER OF 3
(i) 2768 (ii)2678 (III) 2187 ans:2187

24. SOME RELATION THAT IS DEDUCE TO
A (POW 2) DIRECT PROPORTIONAL TO X (POW 3)
B (POW 2) DIRECT PROPORTIONAL TO Y (POW 3)
SOME FOUR ANSWERS WERE GIVEN
ANS: ALL OF THE ABOVE

25. 900 M WIDE 3000 M WIDTH
SOMETHING I CAN'T REMEMBER SOME VALUES ARE GIVEN
BY AIR PER M Rs. 4 BY GROUND PER M Rs. 5
THEN WHERE U WILL CUT ADD MAN OUT

26. 1.JAVA 2.SMALLTALK 3.LISP 4.EIFFEL LISp

27. 1.SAP (service adevertising protocal) 2.ARP(address resolution protocol) 3.WAP(wireless application protocol) 4.TCP IP SAP

28. WHICH IS THE PERFECT ONE AMONG THE 4
1. 2x +3y=4 2. x + y= -1 3. Y=2x+ 3

29-32. I FORGOT

PART III
CRITICAL REASONING
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I FEEL VERY EASY

Q1-Q 3
A,B,C - PROGRAMMERS D,E,F,G,H- DATABASE HANDLERS
NEW OFFICE IS GOING TO BE STARTED WITH 2 PROGRAMMERS
AND 3 DATABASE HANDLERS
A AND C CANNOT GO TOGETHER
C AND E CANNOT GO TOGETHER
D AND F CANNOT GO TOGETHER

Q4 - Q6
Q7 - Q10
Q11 AND Q12

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1. CIRCUMSPECT=PRUDENT, CAUTIOUS
2. ABYSMALL= BOTTOMLESS, UNCLEAR
3.ILLUSTROUS=HIGHLY DISTINGUISHED, NOBAL
4.PROLIFIC=ABUNDANTLY FRUITFUL
5.DELIGHT=HIGH PLEASURE
6.VEHIMENT=VIOLENT,URGENT,FORCEFUL
7.IMPETUS=MOVING FORCE,STIMULUS,INCENTIVE
8.ACRONYM=A WORD FORMED BY FIRST LETTER OF OTHER WORDS
9.DESSIMINATE=DISTRIBUTE,SPREAD,SCATTER
10.HARBINGER=FORERUNNER, ANNOUNCER
11.TRACTIBLE=DOCILE,MANAGEBLE
12.COVERT=SECRET,HIDDEN,IMPLIED
13.PENSIVE=SADNESS,CONTEMPLATE
14.MITIGATE=TO APPEASE, TO MODERATE
15.CLUTCH=TO HOLD
16.MOTLEY=MULTICOLOURED
17.RELINQUISH=TO GIVE UP,RENOUNCE
18.TRANSIENT=MOMENTARY,NOT LASTING

Descriptive:

1)In a well of 20feet depth, a frog jumps 5feet up in the morning and comes 4feet down in the
evening,on which day the frog gets out of the well.
\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2)Next number in the series:
77,49,36,18,?
answer 8
(7\*7=49)(4\*9=36)(3\*6=18) (1\*8=8)
\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3)A & B are playing a game .There are 8 oranges in a row on the table.one Player can take 1-4
oranges in a pick (a maximum of 4),one who picks the last orange wins the game.'A' plays first
How many oranges should he pick first time inorder to win the game.
answer 3.
\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4)9/10 or 10/11 which is greater.
\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5) (x-y/3)-(y-x/3)=?
\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
6)x:y=3 and x+y=80 what is the value of y?
answer y=20
\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
7)Average of 5 number is -10 sum of 3 numbers is 16,what is the average of other two numbers?
answer -33
\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
8)16 litre can, 7 litre can,3 litre can,the customer has to be given 11 litres of milk using
all the three cans only explain?
\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
9)A car has run 10000 miles using 5 tyres interchangably,To have a equal wornout by all tyres
how many miles each tyre should have run.
answer 4000 miles/tyre
\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
10) 8 to the power of x is 32,what is the value of x?
\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
11) 12 Blacksox and 12 Whitesox mixed in a box,a pair of sox is picked at a time,in which pick/
how many pick ,to get the right pair(black&black or white&white)?
\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
12)Two coins one with HEAD IN BOTH SIDES and the other coin HEAD IN ONE SIDE AND TAIL IN THE
OTHER SIDE is in a box,a coin is taken at random and FOUND HEAD IN ONE SIDE .what is the
probability that THE OTHER SIDE IS HEAD?
\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
13)A man shapes 3 cardboards in 50 minutes,how many cardboards does he shape in 5 hours?
answer 18cardboards.
\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
14)How many 3 digits with 3 Distinct digits are there from 100-1000.
\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
15)Three men goes to a hotel to stay ,the clerk says $30 per room/day so all the three plans
to stay in one room so each pays $10.After some time the clerk realises that he made a mistake
of collecting $30 but the room cost only $25,there fore he decides to return $5 to them
so he calls the roomboy and gives him $5 asking him to return.The roomboy keeps $2 with him
and he returns only $3($1 for each).
Now Totally all have paid $9 each($27)+rommboy $2 which is equal to $27.where did $1 go,who
has made the mistake?