

# TCS Sample Paper

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Company : TCS  
Date :  
College :

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## Apptitude

1) 2 pencils cost 8 cents, then 5 pencils cost how much  
a) 20c

2) a work is done by the people in 24 min. one of them can do this work alone in 40 min. how much time required to do the same work for the second person  
a) 60min

3) a car is filled with four and half gallons of oil for full round trip. fuel is taken  $\frac{1}{4}$  gallons more in going than coming. what is the fuel consumed in coming up.  
a) 2 gallons

4) low temperature at the night in a city is  $\frac{1}{3}$  more than  $\frac{1}{2}$  higher as higher temperature in a day. sum of the low temp and high temp is 100 c. then what is the low temp.  
a) 40 centigrade

5) a person who decided to go weekend trip should not exceed 8 hours driving in a day average speed of forward journey is 40 mph. due to traffic on Sunday the return journey average speed is 30 mph. how far he can select a picnic spot.  
a) 120 miles

6) a sales person multiplied a number and got the answer is 3 instead of that number divided by 3. what is the answer he actually has to get.  
a)  $\frac{1}{3}$

7) a ship started from a port and moving with I mph and another ship started from L and moving with H mph. at which place these two ships meet.  
a) between I and J and close to J

8) a building with height D ft shadow upto G. A neighbour building

with what height shadow C ft is

a) B ft

9) a person was fined for exceeding the speed limit by 10mph. another person was also fined for exceeding the same speed limit by twice the same if the second person was travelling at a speed of 35 mph. find the speed limit

a) 15mph

10) a bus started from a bus stand at 8.00am and after 30min staying at destination it returned back to the bus stand. the destination is 27 miles from the bus stand the speed of the bus 50 percent faster than the speed at what time it returns to the bus stand.

a) 11.00am

11) in a mixture, R is 2 parts, S is 1 part in order to make S to 25% of the mixture, how much R is to be added

a) one part

12) wind flows 160 miles in 330min. for 80 miles how much time required

a) ---

13) with  $\frac{4}{5}$  full tank a vehicle travels 12 miles, with  $\frac{1}{3}$  full tank how much distance travels

a) 5 miles

14) 2 trees are there. one grows at  $\frac{3}{5}$  of the other. In 4 years total growth of the trees is 8 ft. what growth will smaller tree will have in 2 years.

a) 2 ft

15) a storm will move with a velocity of --- towards the center in --- at the same rate how much far will it move in hrs

a)  $\frac{8}{3}$  or  $2\frac{2}{3}$

15 not clear

### Reasoning

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A.

my father had no brothers but his 3 sisters are all married and each has 2 children. my grandfather has 2 sons.

1. my father was an only child F

2. 3 of my aunts have sons C

3. i have six cousins on my mother's side C

4. i have only one uncle F

B.

Senior managers in a leading company said that new Japanese investment in India was transforming the car industry and warned that jobs were under threat from Japanese competition. They stated that increasing competition would be coupled with an inevitable downturn in the car market and the recent rise in interest rates which had already hit demand.

5. Some senior managers said that more people will want to buy new cars in the future. F

6. Managers told workers that Japanese workers are taking jobs away from Indian workers in the car industry. F

7. The managers issued their warning after a rise in interest rates. T

8. The increased rate of the interest will mean that Japanese firms will cease to operate in this country. C

C. Researchers in Mumbai have found that certain types of gallstones can be dissolved by injecting them with a gasoline additive in the form of ether. The ether is injected through a tube directly into the gallbladder. The one-day treatment works only on cholesterol-based stones, not those composed largely of calcium. However, as the cholesterol stones are by far the most common type for millions of gallstone sufferers, the treatment should offer a welcome alternative to surgery, the commonest option in most hospitals.

9. Injecting ether into the gallbladder dissolves most gallstones. T

10. Surgery is the only treatment for calcium stones. T

11. Hundreds of people contain calcium stones. C

12. Calcium stones will be cured in one day. F

D. Organising the home can be perceived as conferring power, so large numbers of women are unwilling to let go of chores, even when they have careers. A survey found that, out of 65 new marriages, not one single wife expected her husband to share work equally. According to the Family Policy Studies Center, 81% of working wives return home to do all the cooking. The average male has nearly half as much more free time at weekends than his wife, and the typical new father spends just 37 seconds a day talking to his baby.

13. Most working wives do not expect their husbands to share chores equally. T

14. The average wife has half as much free time at weekends as her husband. F

15. Some women collude in the unequal distribution of household work because they want to retain control. C

16. 39% of all men with working wives do the cooking and all the cleaning. F

E. Confucius said that to know the future we have to understand the past. This time transport, communications, and scientific knowledge were less developed than they are today. News took weeks to travel where as today

satellite links connect the continents virtually instantaneously. but our technological advances in the field of communications seem not to have improved our capacity to understand one another

17. in confucius daay people were more intelligent C

18. we understand each other better now than in confucius time because we can travel more quickly. F

19. we have made great improvements in transport since confucius day T

20. none of our scientific discoveries has really improved our lives C

F. words in totalitarian systems have an unhealthy importance and in such states now attempting to return to a more democratic normality there has been a natural inevitable and healthy devaluation of words whereas previouslu a single word used in a speech or even a play or poem could be a serious political event now the words come cheaper almost free.

politics is politics again and poetry only poetry

21. totalitarian state devalue words T

22. only non-totalitarian regimes produce poetry of political importance

T

23. writers under totalitarian regimes have to choose their words care fully T

24. the democratic political system is healthier than others C

>

>

> G. statistics show that millions of vehicals have beencarried by shuttle  
> over the past 30 years through alpine tunnels withouty one ever catching  
> tire. in the alpine tunnels. drivers and passengers sit in theirvvehicals on  
> the shuttle trains. only one vehical has evercaught fire on the bussy  
> french motorail equivalent system. this sort of accidents is not possible  
> in a closed shuttle. assertinos that a vehical fire will lead to  
> catastrophe have no basis. since the resoures exit do detect, control and  
> extinguish a fire and to remove any persons present safely to an adjoining  
> wagon, leaving any surviving fire facing rapid extinction within a wagan  
> built to contain fire for 30 minutes. catastrophe seems very unlikely.

>

> 25. if a car cauget fire in a rail shuttle, probably none would be killed.

>

> (T)

> 26. at least one vehical has cauht fire in an alpine tunnel. (f)

> 27. if a fire started in a wagon, it would be allowed to burn itself out in

> 30 minutes. (f)

> 28. if would theoreticaly be possible for a car to cath fire in aclosed

> shuttle system. (F)

>

> H) every form of art is protected by copy write, upon the expiration

>

> of witch the property passes into the public domain and becomes freely

- > available to any one wishing to exploit it commercially. the time has come
- > when all treasures should pass to the control of a trust, and by this made
- > readily available to anyone on payment of a fee or royalty. the income
- > from the works of Tagore would alone be enormous. these who now mainly
- > financial benefit from his genius should make some contribution to the
- > welfare of the arts in general.
- > 29. Tagore's plays are not protected by copyright. F
- > 30. Tagore's descendants should be asked to make some contribution to the
- > arts C
- > 31. Instead of buying a ticket, theatregoers should pay a fee to trust for
- > the benefit of the arts. C
- > 32. More people could go to the theatre if copyright were abolished C

- > I. Hacking is a crime made possible by a relatively new technology,
- > which one of the reasons it is often poorly understood and reported.
- > Many computers, but no means all, are now linked together in networks which
- > allow users on one computer to communicate with others on the same
- > network. If a computer is not networked, no manipulation of its data from
- > another machine is possible. So long as users are authorised, networking
- > is just a way of making work easier and more productive. Hacking on the
- > other hand, is the unauthorised use of networks or unauthorised entry
- > into the computers themselves. Most people do not need to break into the
- > networks they use, since they are already accredited users.
- > 33. Most hackers are authorised to break into networks F
- > 34. Computers are only vulnerable to the unauthorised manipulation of
- > their data via another computer if they are networked T
- > 35. The main reason why it is relatively easy to break into a computer is
- > that few people understand the technology. C
- > 36. Hackers do not work for the firms whose networks they break into. T

- > J. Although invaders represent a threat to the conservation of flora and
- > fauna, there are two special cases in which invasion have been deliberately
- > brought about. One is the desire to control pests by natural predators,
- > which may have to be brought in from other countries. The second is
- > releasing organisms into the wild (or on to farms, from which they might
- > escape) that are completely novel, because they have been genetically
- > engineered. There is nothing intrinsically sinister about engineered
- > organisms, but any novelty must be regarded as a potential invader.
- > 37. Pest control does not threaten the conservation of flora and fauna. T
- > 38. Genetically engineered organisms must always be regarded as poten-
- > tially dangerous. F
- > 39. Natural predators are more harmful than pests. T
- > 40. Genetically engineered organisms escaped from the farm, they will be
- > pose a threat to wildlife. T
- >

K. electronics technology is coming to the rescue of helicopters which can be grounded or crash in icy conditions the machines are especially vulnerable to the build up of ice on both their rotors and engine air intake when operating in cold damp conditions. the problem is 2 fold ice increases the weight and the build up makes the aerofoils less efficient .now at last a detector has been devised which the company hopes will mean safer flights and less frequent grounding. unlike most devices in use at present it can detect the liquid water content of cloud above freezing level. so the warning is given before the potential hazard is encountered.

39. an electronic device has been invented which will prevent the build up of ice on helicopter rotors F

40. helicopters are sometimes grounded because in cold damp weather their engine air intakes and rotors malfunction owing to the formation of ice.

T

41. only one device can at present detect the liquid water content of cloud above freezing level C

42. in future fewer helicopters will crash or have to be grounded T

L. anyone who has systematically examined faces will have perceived a preponderance although not a proliferation of asymmetry. whether or not the expression is volitional and self controlled or spontaneous appears to predict facial asymmetry as does the type of emotion portrayed. positive emotions are usually displayed symmetrically although a left sided representation of a negative emotion is more common. posed expressions and negative emotions are less likely to be symmetrically represented.

43. an angry person is more likely to have a lopsided expression than someone who is smiling T

44. a deliberately assumed facial expression will always be asymmetrical F

45. an actor is likely to smile symmetrically when acting C

> 46. more self conscious people are likely to have less asymmetrical

> facial expressions than those who are less aware of themselves T

>

> M. human existence is not susceptible of arbitrary division between

> consciousness and unconsciousness. the conscious world invades and shapes

> the activities of the unconscious while many of the great achievements of

> humanity's waking hours were wholly or partly inspired by dreams .even if

> it could be argued that dreams precede experience such a dichotomy could

> not be drawn as the influence of dreaming on the waking state would remain

> unclear but as yet no common vocabulary exists to record the substance

- > of prenatal dreaming
- > 47. sleep can be a creative state. T
- > 48. it is difficult to tell whether a sleeper is dreaming or not C
- > 49. if we knew what babies dream about before they are born we could
- > show that conscious and unconscious mind influence one another F
- > 50. it is untrue to claim that the conscious and unconscious worlds never
- > impinge on one another F
- >

> New twenty questions

- > -----
- > N. disease x succeeds lung disease. it may also occur healthy persons the
- > person looks healthier from outside. the number of red blood cells in
- > the blood increased and this leads to thickness of the blood as a result
- > of which blood lacks inside the vessels. the person suffers heart attack.
- > one possible solution is to remove a litre of blood or to control the
- > growth of red blood cells.
- > 53. lung disease precedes the disease x T
- > 54. a person who gets heart attack always has disease x F
- > 55. people suffering from disease x look healthier C
- > 56. one litre of blood must be removed to cure this T
- >

- > O. a starfire engine has been designed to work only for unleaded
- > petrol. this crossfire engine is designed for both 1500 and 1800 cc
- > they internally and externally look alike except for the difference
- > in wheels ----, 2000 cc is different from the above two in terms of 3
- > features --- ---- on the bumper.
- > 57. the engine runs only on the leaded petrol F
- > 58. 1500 and 1800 cc look alike F
- > 59. apart from cross fire engines they manufacture ---- F
- > 60. internal structure of the 2000cc is same as that of both 1500 and
- > 1800 cc C
- >

- > P. a weed killer to kill the weeds has been developed. the weed killer
- > solution has to be applied to the growing tips. it need not to be applied
- > to all the tips. the solution has to be prepared in a can in one hand
- > and the plants are taken in the other hand with a glove and are immersed
- > in the solution if we cannot immerse them in the solution the solution
- > can be applied to the roots with a brush. it used without care it can
- > pose danger to other plants.
- > 61. the solution has to be applied to growing leaves
- > 62. to use the weedkiller first take the plants in the can then pour the
- > solution into it.

- > 63.it is sufficient to apply it only to some roots
- > 64.it effects to the other plants.
- >

- > Q.
- > 65.flora 3 sofa set gives value to ur money
- > 66.padding is used to increase durability
- > 67.flora will made all other products other than sofa sets
- > 68.can we use wood as ----- T
- >

- > R.
- >
- > 69.the length of the cracker will be less than 12 cm F
- > 70.the center part of the crackers is 4cm T
- >

>-----

- >
- >

- > these are the questions given from tcs paper
- > dont answer all questions.
- >

- > In reasoning test at the end of each question we indicated
- > F,T,C
- > where F represents False
- > " T " True
- > " C " cant say.

>-----

- > Aafter this test,psychmetry test will be there.dont bother about it.
- it is just
- > formal.they will not consider it.But answer all 150 questions in 30
- > minutes

-----i-----

tcs-- extra.

I am sending TCS extra questions other than what you sent to me.  
analogy:

acumen:exactness  
metamorphosis:transform  
scrutiny:close examination  
torbid:  
ordain:  
annihilate:to destroy  
adage:proverb  
muse:  
fuse:combine  
effulgence:randiance  
compucntin:remorse  
cajole:coax  
amiable:friendly  
abode:  
premonitin:  
mortal:  
incentive:provocation  
lethargy:stupor  
whet:sharpen  
behest:on behalf of  
penitance:to repeat  
ovation:applause  
note: check in GRE book.  
arithmatic:

Q1.Last year pandit was thrice his sister's age.Next year he is only twice her age.After 5 years what is pandit's age.

a)2 b)12 c)11 d)14  
ans:b

Q2.A box of 150 packets consists of 1kg packets and 2kg packets. Total weight of box is 264kg. How many 2kg packets are there

a) 96 b)67 c)100 d)114  
ans:d

Q3.Which is more economical of the following

a)2kg -- 30/-  
b)8kg -- 160/-  
c)5kg -- 80/-

ans:

Q4.Satish earns 240 weekly.12% of big amount + earning weekly = 540

what is the big amount

a)3200 b)3600 c)2500 d)1000

ans: c

Q5. Jalia is twice older than qurban . If jalia was 4 years younger, qurban was 3 years older ther diff. between their ages is 12 years

what is the sum of thier ages

a)67 b)57 c)36 d)none

ans: b

