
NEW!!

HCL PLACEMENT PAPERS - [CLICK HERE!!](#)

APTITUDE QUESTIONS

1. One rectangular plate with length 8 inches, breadth 11 inches and 2 inches thickness is there. What is the length of the circular rod with diameter 8 inches and equal to volume of rectangular plate?
ans: 3.5 inches.
2. What is the number of zeros at the end of the product of the numbers from 1 to 100.
3. In some game 139 members have participated every time one fellow will get bye what is the number of matches to choose the champion to be held?
ans: 138.
4. One fast typist type some matter in 2 hr and another slow typist type the same matter in 3 hr. if both do combinely in how much time they will finish?
ans: 1hr 12min.
5. In 8*8 chess board what is the total number of squares refer odel
ans: 204.
6. Fallin height is proportional to square of the time. One object falls 64 cm in 2 sec. than in 6 sec. from how much height the object will fall?
7. Gavaskar average in first 50 innings was 50 after the 51st innings his average was 51 how many runs he made in the 51st innings?
8. 2 oranges, 3bananas and 4 apples cost Rs. 15. 3 oranges 2 bananas 1 apple costs Rs. 10. What is the cost of 3 oranges, 3 bananas and 3 apples
ans: Rs. 15.
9. In 80 coins one coin is counterfiet wha tis minimum number of weighings to find out counterfiet coin?
10. In a company 30% are supervisors and 40% employees aare male if 60% of supervisors are male what is the probability that is randomly choosen employee is a male or female?
11. Statement : all green are blue , all blue are white
conclusion:
I) some blue are green II) some white are green
III) some green are not white IV) all white are blue

TCS QUESTION PAPER

1. A sales person multiplied a number and get the answer is 3 instead of that number divided by 3. What is the answer he actually has to get
ans: 1/3.

2. 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
ans: between I and J and close to J.
3. A building with height D ft shadow upto G. A neighbour building with what height shadow C ft is
ans: B ft.
4. A person was fined for exceeding the speed limit by 10 mph 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.
ans: 15 mph.
5. A bus started from bus stand at 8:00 am and after 30 min. staying at destination it returned back to the bus stand the destination is 27 miles from the busstand the speed of the bus 50 percent fast speed at what time it returns to the busstand.
ans: 11:00 am.
6. 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.
ans: one part.
7. Wind flows 160miles in 330 min. for 80 miles how much time required.
8. With $\frac{4}{5}$ full tank vehicle travels 12 miles, with $\frac{1}{3}$ full tank how much distance travels
ans: 5 miles.
9. 2 trees are there one grows at $\frac{3}{5}$ of the other. In 4 years total growth of the trees is 8ft. what growth will smaller tree will have in 2years.
ans: 2ft.
10. A storm will move with a velocity of ---- towards the center in ----- at the same rate how much far will it move in hrs.

REASONING

- 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 (False)
 2. 3 of my aunts have sons (Can't say)
 3. I have six cousins on my mother's side (Can't say)
 4. I have only one uncle (False).
- 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 if 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 (False)
6. managers told workers that Japanese workers are taking jobs away from Indian workers in the car industry.

7. the managers issued their warning after a rise in interest rates (True)
8. the increased rate of the interest will mean that Japanese firms will cease to operate in this country (Can't say).

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 a tube directly into the gallbladder. The one day treatment works only on cholesterol-based stones, not those composed largely on calcium. However, as the cholesterol stones are by far the most common type for millions of gallstones sufferers, the treatment should offer a welcome alternative to surgery, the commonest option in most hospitals.

9. injecting ether into the gall bladder dissolves most gallstones (True)
10. surgery is the only treatment for calcium stones (True)
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% 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 (True)
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, wireless developed, that 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' day 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 (True)
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 previously 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 states devalue words (True)
22. only non-totalitarian regimes produce poetry of political importance (True)
23. writers under totalitarian regimes have to choose their words carefully (True)

24. the democratic political system is healthier than others C.
- G. Statistics show that millions of vehicles have been carried by shuttle over the past 30 years through alpine tunnels without one ever catching fire in the alpine tunnels drivers and passengers sit in their vehicles on the shuttle trains. Only one vehicle has ever caught fire on the busy french motorrail equivalent system. This sort of accidents is not possible in a closed shuttle. Assertinos that a vehicle fire will lead to catastrophe have no basis. Since the resources exist to detect, control and extinguish a fire and to remove any persons present safely to an adjoining wagon, leaving any surviving fire facing rapid extinction with a wagon built to contain fire for 30 minutes. Catastrophe seems very unlikely.
25. if a car caught fire in a rail shuttle, probably none would be killed (True)
26. at least one vehicle has caught 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. it would theoretically be possible for a car to catch fire in a closed shuttle system F.
- H. Every form of art is protected by copyright upon the expiration of which 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 (True)
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.
- 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 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 threat the conservation of flora and fauna (True)
 38. genetically engineered organisms must always be regarded as potentially dangerous (False).
 39. natural predators are work harmful than pests (True)
 40. genetically engineered organisms escaped from the farm they will be pose a threat to wildlife (True)
- K. Electronis technology is coming to the rescue of helicopters which can be grounded or crash in icy conditions the kacnines 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 buld up makes the aerofoils less efficient now at last a detector has been devised which the company hopes will mean safer flightsand 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.
41. an electronic device has been invented which will prevent the build up of ice on helicopter rotors(False).
 42. helicopters are sometimes grounded because in cold damp weather their engine air intakes and rotors malfunction owing to the formation of ice (True)
 43. only one device can at present detect the liquid water content of cloud above freezing level C.
 44. in futur fewer helicopters will crash or have to grounded (True)
- L. Anyone whos has systematically examined faces will have perceived a prepondreance although not a proliferation of asymmtry, whether or not the expression is volitinal and self controlled or spontaneous appears to predict facial assymetry as does the type of emotion protrayed posistive motions 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.
45. an angry person is more likely to have a lopsided expression than someone who is smiling (True).
 46. a deliberately assumed facial expression will always be asymmetrical (False)
 47. an actor is likely to smile symmetrically when acting C.
 48. more self conscious people are likely to have less asymmetrically facial expressions than those who are less aware of themselves (True)
- M. Human existence is not susceptible of arbitrary divsion 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 inspires bu dreams even if it could be argued that dreams precede experience such a dichotomy could not be dreawn as the influence of dreaming on the waking state would reemain unclear but as yet no common vocabulary exists to record the substance of prenatal dreaming.
49. sleep can be a creative state (True)
 50. it is difficult to tell whether a sleeper is dreaming or not C.
 51. if we knew what babies dream about before they are born we could show that conscious and unconscious mond influence one another (False)
 52. it is untrue to claim that the conscious and unconscious worlds never impinge on one another (False).
- N. Disease Xsucceeds 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 idsease precedes the disease X (True)
 54. a person who gets heart attack always has disease X (False).
 55. people suffering from disease X look healthier C.
 56. one litre of blood must be removed to cure this (True)
- O. A starfire engine has been designed to work only for unleaded petrol this crossfire engine is designed for both 1500 and 1800cc they internally and externally look alike except for the difference in wheels . 2000cc is different from the above two i;n terms of 3 features on the bumper.
57. the engine run only on the leaded petrol (False).
 58. 1500 and 1800cc look alike (False).
 59. apart from cross fire engines they manufacture --- False.
 60. internal structure of the 2000cc is same as that of both 1500 and 1800cc C.
- P. A weed killer to kill the weeds has been developed the week killer solution has to be applied to the growing tips it need not be appplied 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 applie to the roots with a brush it used without care it can pose danger to other plants.
61. the solutions has to be applied to growing leaves False.
 62. to use the weedkiller first take the plants in the can and then pour the solution into it .
 63. it is sufficient to apply it only to some roots .
 64. it effects to the other plants.