NEW!!

HCL PLACEMENT PAPERS – CLICK HERE!!

APTITUTE   QUESTIONS

1. One rectangular plate with lenght 8 inches, breadth 11inches 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 4/5 full tank vehicle travels 12 miles , with 1/3 full tank how
    much distance travels
    ans: 5 miles.

9. 2 trees are there one grows at 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 myu grandfather has 2 sons.
    1. my faather 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 in evitable downturn
   if the car market and the recent rise in interest rates which had already
   hit demand.
5. Some senior mangers said that more   people will want to buy new cars
   in the future (False)
6. mangers 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 increasecd 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 surger is the only treatment for calcium stones (True)
11. hundreds of people contains 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 typpical 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 house hold work
    because gthey want to retain control C.
16. 39% of all men with working wives do the cooking and aall the cleaning F.

E. Confucius said that to know the future we have to understand
    the pasthis time transport communications and scientific knowledge
    wireless developed thatn 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 state devalue words (True)
22. only non-totalitarian regimes produce poetry of political
    importance (True)
23. writers under totalitarian regimes have to choose thei 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 pas 30 years through alpine tunnels withouty one ever
    catching tire in the alpine tunnels drivers and passengers sit in their
    vehicles on the shuttle trains . Only one vehicle has evercaught fire on
    the bussy french motorrail equivalent system . This sort of accidents is
    not possible in a closed shuttle. Assertinos that a vehicle fire will lead to
    catastophe 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 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 nonee 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 minuts F.
28. if would theoretically be possible for a car to catch fire in a closed
     shuttle system F.

H. Every form of art is protected by copy write 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 controlled of a trust, and by this
    made reaadily available to anyone on payment of a fee or royalty the
    income from the works of tagore would alone be enarmous these who now
    main financialbenefit 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 decendants should be asked to make some contribution to the
     arts C.
31. instead of buying a ticket, threatregoers should pay a fee to trust for
     the benefit of the arts C.
32. more people could go to the theatre if copy rightwere 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 makung work easier and more productive. Hacking on the other
     hand, is the unauthorisexd use of networks or unauthorised entry into the
     computers themselves. Most people do not need to break into the networks
     they use since they aare already accredited users.
33. most hackers are authorised to break into networks F.
34. computers are only vulerable 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 ppeople 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 presents by natural predators,
    which may have to be brought n 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 whogets 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 applied 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.