Wipro   *Mock 1*

Questions: 50   **Time: 60 Mins**

Wipro Aptitude Test consists of three sections:
Section A: Verbal Ability (15 Questions): *Analogies, Fill in the blanks, Synonyms, Antonyms, Idioms, Punctuation, Basic grammar, Reading Comprehension, Jumbled Words, Direct/Indirect, Active/Passive.*
Section B: Quantitative and Reasoning(15 Questions):*Profit & Loss, Simple Interest, Ages, Probability, Permutation-Combination, Speed, Time & Distance, Work & Time, Percentage, Average, Pipes & Cistern, Mixture & Allegation, Ratio Proportion, Train, Boats & stream, Number system, Pie chart, Bar-graph, Line-graph, Set Theory and Venn Diagrams, Blood Relations, Seating Arrangements, Puzzles, Analytical Reasoning*
Section C: Technical (20 Questions): *Most of the questions are from C/C++, Data Structures, Unix and O/S. It might also have general awareness questions on Computers. Networking and microprocessors is also important.*

dM Quick Tip: There is no sectional time limit. There is no negative marking. The strategy should be to solve 50 % correctly. The sectional cut off for the above three sections could be : 6-8, 7-9, 8-10. Overall cutoff of around 26-28 could be expected.

This mock contains questions that have appeared in real test. Students are advised to practice all these questions thoroughly. For better grasp similar questions from various resources should also be practiced.

SECTION: I- VERBAL

Directions for Question 1 to 3: You are given a pair of words in capital letters, followed by 4 lettered pair of words. Choose the pair which best expresses a relationship similar to that expressed by the original pair (given in capital letter here):

1. CANONIZE :SAINT ::   (a) train : athlete (b) guard : dignitary   (c) deify : sinner   (d) lionize : celebrity
2. JUDGE : HEARINGS ::   (a) jury : court   (b) lawyer : evidence (c) jurisprudence : advocate   (d) senator : legislations
3. IRRITATED : EXASPERATED :: (a) stolid : sordid (b) pubescent : mature   (c) abounding : glutted (d) overdue : redundant
4. What is the meaning of the phrase "Stuck between the two guns"?   (a) firm with the attitude and don't bent your attitude (b) exhausted   (c) want to escape   (d) trying to be on the both side simultaneously
5. In the following options what is the best phrase which replaces the underlined phrase in the given sentence? Children <u>must have to be</u> taken care while crossing the roads   (a) should have to be   (b) must be   (c) have to be   (d) should be
6. What do we call the person who "chatters continuously and unintelligently"? (a) chatter   (b) jabber   (c) speaker   (d) joker
7. What is the similar word of the word underlined in the given sentence? Jack fell down and broke his crown and Jill came <u>stumbling</u> after. (a) smoothly   (b) running   (c) lurching   (d) slickly
8. A jumbled word known as L O R F S H U I   If the word is arranged in correct

                    1 2 3 4 5 6 7 8

   order then what will be the order of number? (a) 1273645 (b) 41273856 (c) 1273654 (d) 41278356
9. Convert the following sentence into indirect speech: She said, "I lived here for many years". (a) She said that she had been living there for many years.   (b) She said that she lived here for many years.   (c) She said that she lived there for many years. (d) She said that she had lived there for many years.
10. Convert the following sentence into passive voice: Will the postman post the letters?   (a) The postman will post the letters. (b) Will the letters be posted by the postman? (c) Will the letters post the postman? (d) Will the postman be posted by the letters?

Directions for Question 11 to 15: Read the passage carefully, and answer the following questions:

Much has been made of the wealth-creating power of the New Economy. Technological innovation and entrepreneurial activity, proponents of the New Economy point out, have combined to spur the most prolonged economic expansion in American history, and have swelled the ranks of the upper middle classes. A recent Conference Board study, however, suggests that the economic boom of the 1990s has bypassed the poorest segments of the American population. The study reveals that since 1986, a period in which the American economy has expanded by some 30%, the number of fully employed people living in poverty has grown by some 40%, to nearly 3 million Americans.
Apologists of the New Economy are quick to downplay the significance of this disturbing trend. In the second half of the 1990s, they argue, the plight of the poor has begun to improve. Unemployment rates are at a post-war low, the real wages of low-income workers have edged upwards, and from 1993 to 1998 the poverty rate declined from 15.1% to 12.7%. These modest gains notwithstanding, there is no denying that for the economically disadvantaged the current economic boom has not brought the benefits that the boom of the 1960s did: from 1966 to 1978, for example, the poverty rate among full-time workers fell by more than 50%. There can only be one explanation for the fact that the recent boom has not produced similar effects. While the computerization of the American economy has created many high-skilled jobs in the technology industry, a vast number of the new jobs created in the current boom are of the low-skill and low-pay variety. To the people filling these jobs the New Economy has hardly yielded a rich bounty.

11. According to the passage, what is the principal shortcoming of the New Economy? (a) It has not lowered unemployment rates. (b) The technological revolution has impersonalized society. (c) It requires too much education to succeed in the age of the New Economy. (d) It has not in fact increased the overall wealth of society as much as is often assumed. (e) Many of the jobs it has created do not pay a good wage.

12. Which of the following would be the most likely title for this passage? (a) Technology and the Poor (b) Poverty in America: A Reassessment (c) Job Creation in the New Economy (d) Unemployment and Productivity: A Reassessment (e) The New Economy and the Poor: A Success Story

13. Which of the following is the most likely occupation of the author of the passage? (a) A speechwriter for a politician (b) A lobbyist for the computer industry (c) A journalist for an investment magazine (d) An advocate for the poor (e) A disgruntled employee of the Conference Board

14. In paragraph two, the "apologists" are most characterized by their: (a) role in promoting the rights of those on welfare (b) regret at missing out on the New Economy (c) sorrowful demeanor (d) faith in the positive impact of the New Economy (e) contrition with regard to poverty in America

15. It can be inferred from the passage above that the author's attitude towards the New Economy can best be described as one of: (a) moderate skepticism (b) wild enthusiasm (c) puzzled curiosity (d) disinterested approval (e) extreme indignation

SECTION: II- QUANTITATIVE AND REASONING

16. The sharp decline in the mortality since 1941 shows that who argue that the introduction of new chemicals has caused severe health problems are mistaken from 1940-1979, the average life expectancy for the entire United States population increased from 63.6 to 73.6 years, and the total age adjusted death rate declined by forty five percent, including decline in every age, sex and racial group. There were also the years in which there was a dramatic increase in the
use of new chemicals in this country. Clearly, then those modern aids to industry have no adverse effects on the general health of society. Which of the following is an assumption underlying the conclusion of the passage above?
(a) The increase in life expectancy in the United States was paralleled by corresponding increases in other countries.
(b) The growth in the average life expectancy in the United States cannot be attributed to any single factor, but is a general phenomenon.
(c) The increase in life expectancy would not have been greater if there had not been an increase in the use of chemicals.
(d) Growth in the use of chemicals was a crucial factor in the development of industry from 1940-1979.

17. There is a family of six persons P, Q, R, S, T and U. They are Lawyer, Doctor, Teacher, Salesman, Engineer and Accountant. There are two married couples in the family. S, the salesman is married to the Lady Teacher. The Doctor is married to the Lawyer. U, The Accountant is the son of Q and brother of T. R, the Lawyer is the daughter-in-law of P. T is the unmarried Engineer. P is the Grandmother of U. Which is the profession of P?
(a) Lawyer   (b) Teacher   (c) Doctor   (d) Accountant

18. There are 6 volumes of books on a rack kept in order (i.e. vol.1, vol.2 and so on). Give the position after the following changes were noticed.
   All books have been changed.
   Vol.5 was directly to the right of vol.2.
   Vol.4 has vol.6 to its left and both weren't at vol.3's place.
   Vol.1 has vol.3 on right and vol.5 on left.
   An even numbered volume is at vol.5's place.
   Find the order in which the books are kept now.   (a) 2,5,1,3,6,4   (b) 4,1,3,6,5,2   (c) 5,4,6,3,1,2   (d) 3,5,4,2,6,1

19. Two trains are travelling at equatorial .Train A is travelling in the direction of earths spin. Other train B is travelling in opposite direction of earths spin. Which trains wheels will wear first?
(a) Train A   (b) Train B   (c) Both the trains simultaneously   (d) cant be determined

20. I) C is father of N but N is not son of C.   II) M is daughter of B and sister of P.
III) P is brother of N. Which of the following is can not be inferred from the information given?
(a) N is brother of P (b) B has three children (c) N is younger to P (d)B has two daughters.

21. Divide 30 by half and add 10. What is the new number?   (a) 20   (b) 25   (c) 70   (d) 80

22. A wire of length 42c.m. is made into the form of a rectangle such that the width is double the length. Then what are the values of length and width respectively   (a) (7, 14)   (b) (14, 28)   (c) (20, 40)   (d) (10,20)

23. Two trains are traveling   from point A to point B such that the speed of first train is 65kmph and the speed of 2nd train is 29kmph. What is the distance between A&B such that the slower train reached 5hrs late compared to the faster train?
(a) 25 Km   (b) 5/36 km   (c) 4/59 km   (d) none of these

24. Find the average of first forty natural numbers. (a) 40   (b) 20   (c) 20.5   (d) 22.5

25. Complete the series: 905   576   329   247   ?   (a) 121   (b) 82   (c) 94   (d) 76

26. If the class marks in frequency distribution weights of students be 128, 137, 146, 155, 164, 173 & 182kgs then, the mean is
(a) 121.5   (b) 122.5   (c) 123.5   (d) 155

27. 9 labours can complete the construction of a wall in 18 days. How many less days will 12 labours take to complete the same wall?
(a) 2 ½   (b) 4 ½   (c)13 ½   (d) ½
28. The cubical box is open at the top. The maximum volume of the box made from 500 m2 tin, in m3 is:
(a) 1000   (b) 1500   (c) 2000   (d) 2500
29. A person was fined for exceeding the speed limit by 10 km/hr. Another person was also fined for exceeding the same speed limit by twice the same. If the second person was traveling at a speed of 35km/hr, find the speed limit.
(a) 19km/hr   (b) 27 km/hr   (c) 30 km/hr   (d)15 km/hr
30. The difference between the compound and simple interest on a certain sum for 2 years at the rate of 50% per annum is Rs.80, What is the sum?   (a) 100   (b) 96   (c) 72   (d) 320

SECTION: III TECHNICAL

31. In worst case Quick sort becomes which sort?   (a) Heap sort   (b) Merge sort   (c) Bubble sort   (d) None of these
32. CDROM access mode is   (a) Random   (b) Semi random   (c) Sequential   (d) None of these
33. In which layer ROUTING is performed?
(a) Network Layer   (b) Transportation layer   (c) Physical layer   (d) None of these.
34. What is the output of the following code snippet

```
main()
{       printf(5+"Fascimile");
}
```
(a) mile   (b) smile   (c) Fascimile   (d) scimile
35. Give the equivalent Binary for the decimal number 125?   (a) 1111101   (b) 10101011   (c) 11001110   (d) None of these.
36. Convert the following Infix expression to Postfix expression Given Infix expression (A+B) * (C – D)
(a) ABC-+CD*   (b) ABCD *-+   (c) AB+CD-*   (d) None of the above.
37. The depth of a Binary tree is   (a) Depth is each element in a binary tree.   (b)The length of the path from the node n to its furthest leaf.   (c)It is the maximum level of any leaf in the tree.   (d)None of the above.
38. Which key in any windows screen is used to invoke file menu ?   (a) Ctrl + A   (b) Ctrl + C   (c) Alt +F   (d) Alt +F4
39. Which is the latest OS   (a) 2000   (b) 98   (c) Windows XP   (d) Windows NT
40. stacks and queues are   (a) Data types   (b) Non - primitive data types   (c) non linear in nature   (d) Data structures
41. What is the full form of URL?
(a) unidentified random locator   (b) uniform resource locator   (c) universal resource locator   (d) none
42. The acronym DAN stands for
(a) data access network   (b) distributed area network   (c) desktop area network   (d) disk access node
43. Which option is used in vi editor to print on screen?   (a) set   (b) ZZ   (c) echo   (d) p
44. What is the full form of MAN?   (a) Metropolitan Area Network   (b) Mental Area Network   (c) Mapped Area Network
45. Repeaters are in   (a) Data link layer   (b) Physical layer   (c) Network layer   (d)Transport layer
46. Operation of queue   (a) FILO   (b) LIFO   (c) FIFO   (d) None of these
47. UNIX is written in which language?   (a) FORTRAN   (b) C   (c) C and Assembly   (d) COBOL.
48. Octal equivalent of the decimal number 176 is   (a) 260   (b) 350   (c) 206   (d) 175
49. What is the output of the following program?
```
main()
{
int i=10,j;
for(j=0;j<1;j++)
{int i=20;
printf("%d,",i);
}
printf("%d",i);}
```
(a) 10,20   (b) 20,10   (c) Garbage Value   (d) Multiple declaration error.
50. What is the output of the following program?
```
main()
{
int arr[5]={2,4};
printf("%d %d %d \n",arr[2],arr[3],arr[4]);
}
```
(a) 0 0 0   (b) 2 4 0   (c) 2 3 4   (d) error .
All the Best! Happy Solving!

Time for Evaluation	Attempted	Correct	Wrong