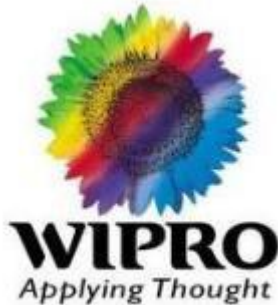


Wipro Company profile



Corporate View:

Wipro Technologies Limited is a giant [information technology](#) services corporation [headquartered](#) in Bangalore, [India](#). According to the 2008-09 revenue, Wipro is one of the largest IT services company in India and employs more than 112,925 people worldwide as of June 2010. It has interests varying from [information technology](#), [consumer care](#), [lighting](#), [engineering](#) and healthcare business. [Azim Premji](#) is the [Chairman of the board](#).

Wipro Technologies, a division of Wipro Limited is amongst the largest global IT services, BPO and Product Engineering companies. In addition to the IT business, Wipro also has leadership position in niche market segments of consumer products and lighting solutions. The company has been listed since 1945 and started its technology business in 1980. Today, Wipro generates USD 6 billion (India GAAP figure 2009-10) of annual revenues. Its equity shares are listed in India on the Mumbai [Stock Exchange](#) and the National Stock Exchange; as well as on the New York Stock Exchange in the US.

Wipro makes an ideal partner for organizations looking at transformational IT solutions because of its core capabilities, great human resources, commitment to quality and the global infrastructure to deliver a wide range of technology and business consulting solutions and services, 24/7. Wipro enables business results by being a 'transformation catalyst'. It offers integrated portfolio of services to its clients in the areas of Consulting, System Integration and Outsourcing for key-industry verticals.

Founded: 1945

Founder: M. H. Premji

Headquarters: Bangalore, Karnataka, India

Key people: Azim Premji (Chairman)
Girish Paranjpe (joint CEO)
Suresh Vaswani (joint CEO)

Wipro Infotech: 2011

There is Total No. of Rounds 3:

- Aptitude Test
- Technical Test
- HR Interview

Aptitude Rounds: Portion covered: distance and time, problems on train, ages, time and speed, percentage, area, flow charts, profit and loss, height and distance and some basics Maths and more. For English part study Barron_s_GRE.12th.ed, for aptitude R.S Aggarwal. Study aptitude clearly you will clear 1st round...

Second Round is Technical:

Tell me about yourself.

Ans: simple questions to answer but everyone will make mistake by starting with their past school studies bla bla. Please note This is the single most important strategy in job hunting, start with present things eg: tell them something about you which you feel your are good at that.. I'm quick learner, I grasp point quickly, you're resent achievement, and why you took your course... listen to him/her carefully doesn't tell them to repeat. Study some basic C for non tech branches and please don't mention C as known language in your resume.. And study your project work well almost all Q's are based on your project work to see how really learner you are.. And prepare your resume with simple words..

Third Round HR:

1) about yourself?

2) What are your greatest strengths or weaknesses?

Ans: Beware – this is an eliminator question, designed to shorten the candidate list, if you admit your weakness thinking of being honest will get you an “A” for honesty, but an “F” for the interview.. The best way is to Disguise your strength as a weakness.. eg: I wont give up easily till i reached my goal and sometimes I push my people too hard to work with a sense of urgency and everyone is not always on the same wavelength (don't use these kind of words (wavelength..) but say alternately) never confess a regret..

3. Why this company?

Ans: before going learn much about that company and attend PPT(Pre Placement Talk) its very useful.. praise their company eg: its very employers friendly company etc etc.. in Wipro there is provision of 2yrs leave for higher education so tell them what you know very well about company..

4. Where do you see yourself five years from now?

Ans: no abroad strategy. eg: want to see myself in HR post employing people or want to c myself in PPT.

5. Any Question's

Ans: don't sit idle ask something about company which you want to know... eg: is there provision of becoming project leader in 2 r 3yrs provided if i do well... or ask integral part of company how it will works as employers friendly environment. The key to success is be confident and bold don't get nervous once you enter inside.. prepare well have good strategy and speak fluently without fear you will definitely go through this company.

All the Best

No of Rounds: Aptitude Test, Technical Round, Client/Manager Interview

27 March 2010 Paper

APTITUDE TEST

Section1- English, 15 questions

Directions 1-5: Pick out the most effective word from the given words to fill in the blank to make the sentence meaningfully complete

1. While facts are _____ and data hard to come by, even scientists occasionally throw side the professional pretense of _____ and tear into each other with shameless appeals to authority and arguments that shameless appeals to authority and

arguments that are unabashedly ad hominid.

- a. elusive...objectivity
- b. establish...courtesy
- c. demonstrate .. Neutrality
- d. ineluctable...cooperation

ANS: (A)

2. While the disease is in _____ state it is almost impossible to determine its existence by _____ .

- a. a dormant ..Postulate
- b. a critical...examination
- c. an acute ...analysis
- d. a latent...observation

ANS: (d)

3. The storehouse was infested.....rats.

- A) by B) of C) with D) in

Ans: C

4. Please distribute these sweets.....the children

- A) in B) between C) amid D) among

Ans: D

5. This custom seems to have originatedand East European country

- A) in B) from C) by D) with

Ans: A

Directions 6-10: The following questions consist of two words each that have a certain relationship to each other, followed by four lettered pairs of words. Select the lettered pair that has the same relationship as the original pair of words.

6. OFFHAND: PREMEDITATION: :

- a. upright : integrity b. aboveboard : guile c. cutthroat : competition d. backward : direction

ANS: (b)

7. POLTERGEIST: APPARITION::

- a. dwarf : stature b. witch : familiar c. ogre : monster d. sorcerer : spell

ANS: (c)

8. AVER: AFFIRMATION: :

- a. proclaim: objection b. denounce : defiance c. refuse : distress d. demur : protest

ANS. (d)

9. Duralumin: Aircraft

- A) Brass : Alloy B) Stone : Sculptor C) Iron : Steel D) Bronze : Statue

Ans: D

10. Cool: Frigid

- A) Livid: Lurid B) Pool: Placid C) Tepid: Torried D)
Lack: Abundant

Ans: C

Direction 11-13 : In each of the following questions, find out which part of the sentence has an error. if there is no mistake the answer is 'no error'

11. If I was you / I would have / terminated his services then and there / No error

- A B
C D

Ans : A

12. as soon as I will reach Bombay / I will send / you the books / you have asked for / No error

- A B
C D E

Ans: A

13. Our conception of / what should a science of mental life be / has changed considerably since James' time / No error

- A
B
C D

Ans : B

Directions 14-15 : In each of the following questions, a sentence has been given in Active (or passive) voice. Out of the four alternatives suggested select the one which best express the same sentence in Passive (or Active) Voice.

14. Do you imitate others?

- A) Are others imitated by you?
- B) Are others being imitated by you?
- C) Were others being imitated by you?
- D) Have others been imitated by you?

Ans: A

15. I saw him conducting the rehearsal.

- A) He was seen conducting the rehearsal
- B) I saw the rehearsal to be conducted by him
- C) He was seen by me to conduct the rehearsal
- D) I saw the rehearsal being conducted by him

Ans: D

Section2-apptitude 15 questions

The questions 1-2 are based on the following data

6 people A,B,C,D,E and F sit around a table for dinner. Since A does not like C, he doesn't sit either opposite or beside C. B and F always like to sit opposite each other.

1. If A is beside F then who is are the two neighbours of B?

- (a) D and C
- (b) E and C
- (c) D and E
- (d) Either (a) or (b)

Ans. (c)

2. If D is adjacent to F then who is adjacent to C?

- (a) E and B
- (b) D and A
- (c) D and B
- (d) either (a) or (c)

Ans.(d)

3. Complete the sequence **A, E, I, M, Q, U, _ , _**

- (a) B, F
- (b) Y, C
- (c) G, I
- (d) K, O

Ans.(b)

4. If the letters of the word "rachit" are arranged in all possible ways and these words are written out as in a dictionary,

what is the rank of the word "rachit".

- (a) 485
- (b) 480
- (c) 478
- (d) 481

Ans. (d)

5. Ravi's salary was reduced by 25%.Percentage increase to be effected to bring the salary to the original level is

- (a) 20%
- (b) 25%
- (c) $33 \frac{1}{3}\%$
- (d) 30%

Ans. (c)

6. A and B can finish a piece of work in 20 days .B and C in 30 days and C and A in 40 days. In how many days will A alone finish the job

- (a) 48
- (b) $34 \frac{2}{7}$
- (c) 44
- (d) 45

Ans. (a)

7. How long will a train 100m long travelling at 72kmph take to overtake another train 200m long travelling at 54kmph ?

- (a) 70sec
- (b) 1min
- (c) 1 min 15 sec
- (d) 55 sec

Ans. (b)

8. What is the product of the irrational roots of the equation $(2x-1)(2x-3)(2x-5)(2x-7)=9$?

- (a) $\frac{3}{2}$
- (b) 4
- (c) 3
- (d) $\frac{3}{4}$

Ans. (a)

9. The total population of a village is 5000. The number of males and females increases by 10% and 15% respectively

and consequently the population of the village becomes 5600. what was the number of males in the village ?

- A) 2000 B) 2500 C) 3000 D) 4000

Ans : C

10. Fresh fruit contains 68% water and dry fruit contains 20% water. How much dry fruit can be obtained from 100 kg of fresh fruits ?

- A) 32 kg B) 40 kg C) 52 kg D) 80 kg

Ans : B

11. If "segment" is coded as rffndou, then "ritual" is coded as

- (a) shutbm
(b) qjutbk
(c) qhutbk
(d) qhubtk

Ans. (c)

12. If "football" is "cricket", "cricket" is "basketball", "basketball" is "volleyball", "volleyball" is "khokho" and "khokho" is cricket, which is not a ball game?

- (a) cricket
(b) football
(c) khokho
(d) basketball

Ans. (a)

13. Which of the following is a recursive set of production

- (a) $S \rightarrow a|A, A \rightarrow S$
(b) $S \rightarrow a|A, A \rightarrow b$
(c) $S \rightarrow aA, A \rightarrow S$
(d) None of these

Ans. (c)

14. A sum 's' is divided into 4 parts. second person gets Rs 10 more than first. 3rd person is Rs 10 more than second,

4th is 10 more than 3rd. how much amount do 1st person get.

Ans: $(s-60)/4$

15. One ship goes along the stream direction 28 km and in opposite direction 13 km in 5 hrs for each direction. What is the

velocity of stream?

Ans: 1.5 kmph

Section3-technical ,20 questions

1. What sorting algos have their best and worst case times equal ?

Ans. $O(n \log n)$ for mergesort and heap sort

2. What page replacement algorithm has minimum number of page faults ?

Ans. Optimality algorithm

3. What is the use of virtual base class in c++

Ans. Multiple lines between derived classes.

4. Assignment operator targets to _____

Ans. l-value

5. A byte addressable computer has memory capacity of 2^m Kbytes and can perform 2^n operations

an instruction involving three operands and one operator needs maximum of _____ bits

Ans. $3m + n$

6. In round robin scheduling, if time quantum is too large then it degenerates to

Ans. FCFS

7. What data structures you should use for dictionary searching and it should be capable of doing spell check also ?

Ans: Hashing

8. What is the value of 121 base 4 + 84 base 16 ?

Ans : 2130

9. When the fn. is called where the return address is stored?

Ans. stack

10. C program code

```
int zap (int n)
```

```
{
```

```
if (n<=1)then zap=1;
```

```
else zap=zap(n-3)+zap(n-1);
```

```
}
```

then the call zap(6) gives the values of zap

[a] 8 [b] 9 [c] 6 [d] 12 [e] 15

Ans: b

11. Virtual memory size depends on

[a] address lines [b] data bus

[c] Disc space [d] a & c [e] none

Ans: a

12. Critical section is

Ans: statements which are accessing shared resources

13. In which layer ROUTING is performed?

Ans. Network Layer

14. What is the output of the following code snippet?

```
Main ()  
{  
    Printf (5+"Fascimile");  
}
```

Ans. mile

15. Which one has no L-Value?

A. a[i] B. i C. 2 D. *(a+i)

Ans. C

16. Which is true for binary search?

A. Traversal scheme algorithm B. Greedy
C. Divide and conquer algorithm D. none of these

Ans. C

17. What is the protocol used for getting the physical address by supplying IP address of a node ?

A. ARP B. RARP C. BOOTP D. DHCP

Ans. A

18. Which is not an OS?

a) Win 3.1 b) Win 95
c) Win 98 d) Win 2000

Ans. a

19. Tcp/ip is

- a) Connectionless b) connection oriented c)
both a & b d) none

Ans: b

20. A sorting algorithm which can prove to be a best time algorithm in one case and a worst time algorithm in worst case is

- (a) Quick Sort (b) Heap Sort (c) Merge
Sort (d) Insert Sort

Ans. (a)

28 January 2010 Paper

APTITUDE TEST_ :

Section1- English, 15 questions

Direction 1-5 : In each of the following questions, find out which part of the sentence has an error. if there is no mistake the answer is 'no error'

1. Unless you stop to make noise at once,/ I will have no option but to / bring the matter to the attention of the police / No error

A
B
C
D

Ans: A

2.The Minister along with his / party colleagues have / been invited to the party / No error

A
B
C
D

Ans: B

3. A group of friends / want to visit/ the new plant as early as possible / No error

A
B
C
D

Ans: B

4. It is rude / for the young / making fun of their elders/ No error

A B C D

Ans : C

5. Meerabai was sent away from her home/ because she spend most of the time/ in the company of holy men/ No error

A B C D

Ans : B

Directions 6-10 : Pick out the most effective word from the given words to fill in the blank to make the sentence meaningfully complete.

6. Madan.....the first prize in this competition

A) bore up B) bore with C) bore out D) bore away

Ans: A

7. In large cities people are cut.....from nature.

A) down B) out C) off D) away

Ans: C

8. Your friend died.....over work

A) of B) from C) due to D) with

Ans: A

9. It is not easy to beat.....a swarm of wasps if they attack you

A) out B) up C) down D) off

Ans: D

10. What a sensation it would cause if it.....now discovered that such a man had left behind a diary.

- A) is B) be C) was were

Ans: D

Directions 11-12: In each of the following questions, a sentence has been given in Active (or passive) voice. Out of the four alternatives suggested select the one which best express the same sentence in Passive (or Active) Voice.

11. Mona was writing a letter to her father.

- A) A letter was written to her father by Mona
B) A letter has been written to her father by Mona
C) A letter was being written by Mona to her father
D) a letter was written by Mona to her father

Ans: C

12. He teaches us grammar

- A) Grammar is taught to us by him
B) We are being taught Grammar by him
C) Grammar is being taught us by him
D) We are taught Grammar by him

Ans: D

Directions 13-15: The following questions, consist of two words each that have a certain relationship to each other, followed by four lettered pairs of words. Select the lettered pair that has the same relationship as the original pair of words.

13. Basement : Attic

A) Nadir : Zenith B) Zenith : Apex C) Zenith : Root D)
Apex : Pinnacle

Ans : A

14. Sip : Gulp

A) Touch : Push B) Cup : Glass C) Tent : Hut D) Soap
: Water

Ans : A

15. Parsing : Grammar

A) Running : Health B) Praying : God C) Para trooping :
Air force D) Cleaning : House

Ans : C

Section 2-apptitude 15 questions

The questions 1-6 are based on the following pattern. The problems below contain a question and two statements giving certain data. You have to decide whether the data given in the statements are sufficient for answering the questions.

The correct answer is:

(A) If statement (I) alone is sufficient but statement (II) alone is not sufficient.

(B) If statement (II) alone is sufficient but statement (I) alone is not sufficient.

(C) If both statements together are sufficient but neither of statements alone is sufficient.

(D) If both together are not sufficient.

1. What is John's age?

- (I) In 15 years John will be twice as old as Dias would be
- (II) Dias was born 5 years ago

Ans. (C)

2. What is the distance from city A to city C in kms?

- (I) City A is 90 kms from City B
- (II) City B is 30 kms from City C

Ans. (D)

3. Is $A=C$? A, B, C are real numbers

- (I) $A-B=B-C$
- (II) $A-2C = C-2B$

Ans. (C)

4. What is the 30th term of a given sequence?

- (I) The first two terms of the sequence are $1, 1/2$
- (II) The common difference is $-1/2$

Ans. (A)

5. Was Avinash early, on time or late for work?

- (I) He thought his watch was 10 minutes fast
- (II) Actually his watch was 5 minutes slow

Ans. (D)

6. What is the value of A if A is an integer?

- (I) $A^4 = 1$
- (II) $A^3 + 1 = 0$

Ans. (B)

7. A person travels 12 km in the southward direction and then travels 5km to the right and then travels 15km toward the right and

finally travels 5km towards the east, how far is he from his starting place?

- (a) 5.5 kms
- (b) 3 km
- (c) 13 km
- (d) 6.4 km

Ans. (b)

8. X's father's wife's father's granddaughter uncle will be related to X as

- (a) Son
- (b) Nephew
- (c) Uncle
- (d) Grandfather

Ans. (c)

9. Find the next number in the series **1, 3, 7, 13, 21, 31**

- (a) 43
- (b) 33
- (c) 41
- (d) 45

Ans. (a)

10. If in a certain code "RANGE" is coded as 12345 and "RANDOM" is coded as 123678. Then the code for the word "MANGO" would be

- (a) 82357
- (b) 89343
- (c) 84629
- (d) 82347

Ans. (d)

11. If "PROMPT" is coded as QSPLOS ,then "PLAYER" should be

- (a) QMBZFS
- (b) QWMFDW
- (c) QUREXM
- (d) URESTI

Ans. (a)

12. A person travels 6km towards west, then travels 5km towards north ,then finally travels 6km towards west. Where is he with respect to his starting position?

- (a) 13km east
- (b) 13km northeast
- (c) 13km northwest
- (d) 13km west

Ans. (c)

13. If A speaks the truth 80% of the times, B speaks the truth 60% of the times. What is the probability that they tell the truth at the same time

- (a) 0.8
- (b) 0.48
- (c) 0.6
- (d) 0.14

Ans.(b)

14. Susan can type 10 pages in 5 minutes. Mary can type 5 pages in 10 minutes. Working together, how many pages can

they type in 30 minutes?

- A. 15
- B. 20
- C. 25
- D. 65
- E. 75

Ans: E

15. Six bells commence tolling together and toll at intervals 2,4,6,8,10 and 12 seconds respectively. In 30 minutes how

many times they toll together.

- a) 4
- b) 10
- c) 15
- d) 16

Ans: d)

Section3-technical ,20 questions

1. If the time quantum is too large, Round Robin scheduling degenerates to

- (a) Shortest Job First Scheduling
- (b) Multilevel Queue Scheduling
- (c) FCFS
- (d) None of the above

Ans. (c)

2. Transponders are used for which of the following purposes

- (a) Uplinking
- (b) Downlinking
- (c) Both (a) and (b)
- (d) None of the above

Ans. (c)

3. The format specifier "-%d" is used for which purpose in C

- (a) Left justifying a string
- (b) Right justifying a string
- (c) Removing a string from the console
- (d) Used for the scope specification of a char[] variable

Ans. (a)

4. A sorting algorithm which can prove to be a best time algorithm in one case

and a worst time algorithm in worst case is

- (a) Quick Sort
- (b) Heap Sort
- (c) Merge Sort
- (d) Insert Sort

Ans. (a)

5. What details should never be found in the top level of a top-down design?

- (a) Details
- (b) Coding
- (c) Decisions
- (d) None of the above

Ans. (c)

6. In an absolute loading scheme, which loader function is accomplished by assembler

- (a) Reallocation
- (b) Allocation
- (c) Linking
- (d) Both (a) and (b)

Ans. (d)

7. Banker's algorithm for resource allocation deals with

- (a) Deadlock prevention
- (b) Deadlock avoidance
- (c) Deadlock recovery
- (d) None of these

Ans. (b)

8. Thrashing can be avoided if

- (a) The pages, belonging to the working set of the programs, are in main memory
- (b) The speed of CPU is increased
- (c) The speed of I/O processor are increased
- (d) All of the above

Ans. (a)

9. Which of the following communications lines is best suited to interactive processing applications?

- (a) Narrowband channels
- (b) Simplex channels
- (c) Full-duplex channels
- (d) Mixed band channels

Ans. (b)

10. A feasibility document should contain all of the following except

- (a) Project name
- (b) Problem descriptions
- (c) Feasible alternative
- (d) Data flow diagrams

Ans. (d)

11. What is the main function of a data link content monitor?

- (a) To detect problems in protocols
- (b) To determine the type of transmission used in a data link
- (c) To determine the type of switching used in a data link
- (d) To determine the flow of data

Ans. (a)

12. Which of the following is a broadband communications channel?

- (a) Coaxial cable
- (b) Fiber optic cable
- (c) Microwave circuits
- (d) All of the above

Ans. (d)

13. Which of the following memories has the shortest access time?

- (a) Cache memory
- (b) Magnetic bubble memory
- (c) Magnetic core memory
- (d) RAM

Ans. (a)

14. A shift register can be used for

- (a) Parallel to serial conversion
- (b) Serial to parallel conversion
- (c) Digital delay line
- (d) All the above

Ans. (d)

15. In which of the following page replacement policies, Balady's anomaly occurs?

- (a) FIFO
- (b) LRU
- (c) LFU
- (d) NRU

Ans. (a)

16. Subschema can be used to

- (a) Create very different, personalised views of the same data
- (b) Present information in different formats
- (c) Hide sensitive information by omitting fields from the sub-schema's description
- (d) All of the above

Ans. (d)

17. A 12 address lines maps to the memory of

- a. 1k bytes
- b. 0.5k bytes
- c. 2k bytes
- d. none

Ans: b

18. In a processor these are 120 instructions. Bits needed to implement these instructions

- [a] 6
- [b] 7
- [c] 10
- [d] none

Ans: b

19. In a compiler there is 36 bit for a word and to store a character 8bits are needed. IN this to store a character two words

are appended .Then for storing a K characters string, How many words are needed.

- [a] $2k/9$ [b] $(2k+8)/9$ [c] $(k+8)/9$ [d] $2*(k+8)/9$
[e] none

Ans: a

20. Virtual memory size depends on

- [a] address lines [b] data bus
[c] disc space [d] a & c [e] none

Ans : a

6th Jan 2010 Paper

1. Online aptitude
2. Technical interview
3. Personal interview

1. Aptitude

- a) General aptitude (Quantitative & Reasoning)
- b) Verbal
- c) Technical

General Aptitude:

Very easy if you follow RS Agarwal...questions are simple and not time taking...

key areas to be focussed (for wipro only): blood relations. Time and work. Time and distance....(these were the areas where questions came for us)

Verbal: this was ok part for me because i am weak in verbal...synonyms jumbled sentences tenses are the important areas...

Technical:

as this paper is same for all disciplines of engineering questions are from basic c (like find the out put of...a four line simple code will be given)

Also Unix commands...basics of Unix...basics of computer hardware (once they asked the inventor of mouse and founder of apple so be careful)

WIPRO follows a unique process here in test part....after finishing the test a paper will be given and they ask us to write

an essay about the topic given for the paper...10 minutes will be given....don't scribble something on the paper and give. They take the same paper written by you to technical HR and also personal HR who may ask questions on what you have written
Topic given to us was...**"Privatization of Education-Your Comments"**

As I have told you earlier that 500 people wrote the test and 250 among them were qualified for technical HR Interview.....

Technical interview started next day morning

My technical interview went as follows :

Me:good morning sir

HR: morning..You are mr.prabodh

Me: yes sir...

HR: sit down

me:thank you sir

HR: give me your resume

me:sure sir (gave him my resume)

(he is going through that)

HR:mean while why dont you tell me about yourself

me:started with my name education later my family)

HR:can you tell me oops concepts

me:sure sir...oops concepts are classes objects polymorphism
blah blah

HR:good..can you write a program for me to find a factorial of the given number

me:in which language sir(im not sure whether you can ask this question or not)

HR:in c using recursive function

me:(i forgot recursive and wrote normal program using function calls)

HR:explain me how it works take 5 as an example

me:explained very clearly

HR:is this recursive function?

me:no sir

HR:can you tell me the layers of networking (he means to tell the seven layers of network architecture)

me:told him in order

HR:give examples of network layer and transport layer (he means to tell the protocols that falls under those layers)

me:TCP/IP

HR:ok..(took my essay paper and asked some questions on what i have written)

me:answered confidently

HR:good...proceed to HR (gave me one form)

me:thank you sir

Its easy to know whether you have qualified for the next round in wipro...if you pass they will give one form to be filled and submitted in the next round...else no form....

if the first two rounds are cleared third is just a formality unless if you really do bad they wont reject

my interview was .I went inside and greeted him and sat...

just 2 minutes interview....tell me about yourself....my

academics were good hence he asked me how you manage to get consistent percentages...tell me about

my suggestion to all those who attend wipro is.....gud aptitude skills with gud technical basics...and of course luck.....will lead you to wipro...

all the best

Meet you in Wipro

Note: In technical interview your resume plays important role....for it branches please be careful in mentioning the areas of interest in your resume for non it branches basics of c is must expected and clear details of your project

In HR interview all the details you fill in the form after technical interview should be correct...

20 January 2009 Paper

APTITUDE TEST :

Section1- English, 15 questions

Direction 1-5 : In each of the following questions, find out which part of the sentence has an error. if there is no mistake the answer is 'no error'

1. Unless you stop to make noise at once,/ I will have no option but to / bring the matter to the attention of the police / No error

A
B
C
D

Ans: A

2. The Minister along with his / party colleagues have / been invited to the party / No error

A
B
C
D

Ans: B

3. A group of friends / want to visit/ the new plant as early as possible / No error

A
B
C
D

Ans: B

4. It is rude / for the young / making fun of their elders/ No error

A
B
C
D

Ans : C

5. Meerabai was sent away from her home/ because she spend most of the time/ in the company of holy men/ No error

- A
B C D

Ans : B

Directions 6-10 : Pick out the most effective word from the given words to fill in the blank to make the sentence meaningfully complete.

6. Madan.....the first prize in this competition

- A) bore up B) bore with C) bore out D) bore away

Ans: A

7. In large cities people are cut.....from nature.

- A) down B) out C) off D) away

Ans: C

8. Your friend died.....over work

- A) of B) from C) due to D) with

Ans: A

9. It is not easy to beat.....a swarm of wasps if they attack you

- A) out B) up C) down D) off

Ans: D

10. What a sensation it would cause if it.....now discovered that such a man had left behind a diary.

- A) is B) be C) was D) were

Ans: D

Directions 11-12: In each of the following questions, a sentence has been given in Active (or passive) voice. Out of the four alternatives suggested select the one which best express the same sentence in Passive (or Active) Voice.

11. Mona was writing a letter to her father.

- A) A letter was written to her father by Mona
- B) A letter has been written to her father by Mona
- C) A letter was being written by Mona to her father
- D) a letter was written by Mona to her father

Ans: C

12. He teaches us grammar

- A) Grammar is taught to us by him
- B) We are being taught Grammar by him
- C) Grammar is being taught us by him
- D) We are taught Grammar by him

Ans: D

Directions 13-15: The following questions, consist of two words each that have a certain relationship to each other, followed by four lettered pairs of words. Select the lettered pair that has the same relationship as the original pair of words.

13. Basement : Attic

- A) Nadir : Zenith
- B) Zenith : Apex
- C) Zenith : Root
- D) Apex : Pinnacle

Ans : A

14. Sip : Gulp

A) Touch : Push B) Cup : Glass C) Tent : Hut D) Soap : Water

Ans : A

15. Parsing : Grammar

A) Running : Health B) Praying : God C) Para trooping : Air force D) Cleaning : House

Ans : C

Section 2-appitude 15 questions

The questions 1-6 are based on the following pattern. The problems below contain a question and two statements giving certain data. You have to decide whether the data given in the statements are sufficient for answering the questions.

The correct answer is:

- (A) If statement (I) alone is sufficient but statement (II) alone is not sufficient.
- (B) If statement (II) alone is sufficient but statement (I) alone is not sufficient.
- (C) If both statements together are sufficient but neither of statements alone is sufficient.
- (D) If both together are not sufficient.

1. What is John's age?

- (I) In 15 years John will be twice as old as Dias would be
- (II) Dias was born 5 years ago

Ans. (C)

2. What is the distance from city A to city C in kms?

- (I) City A is 90 kms from City B
- (II) City B is 30 kms from City C **Ans. (D)**

3. Is $A=C$? A, B, C are real numbers

(I) $A-B=B-C$

(II) $A-2C = C-2B$

Ans. (C)

4. What is the 30th term of a given sequence ?

(I) The first two terms of the sequence are $1, 1/2$

(II) The common difference is $-1/2$

Ans. (A)

5. Was Avinash early, on time or late for work?

(I) He thought his watch was 10 minutes fast

(II) Actually his watch was 5 minutes slow

Ans. (D)

6. What is the value of A if A is an integer?

(I) $A^4 = 1$

(II) $A^3 + 1 = 0$

Ans. (B)

7. A person travels 12 km in the southward direction and then travels 5 km to the right and then travels 15 km toward the right and

finally travels 5 km towards the east, how far is he from his starting place?

(a) 5.5 kms

(b) 3 km

(c) 13 km

(d) 6.4 km

Ans. (b)

8. X's father's wife's father's granddaughter uncle will be related to X as

- (a) Son
- (b) Nephew
- (c) Uncle
- (d) Grandfather

Ans. (c)

9. Find the next number in the series **1, 3, 7, 13, 21, 31**

- (a) 43
- (b) 33
- (c) 41
- (d) 45

Ans. (a)

10. If in a certain code "RANGE" is coded as 12345 and "RANDOM" is coded as 123678. Then the code for the word "MANGO" would be

- (a) 82357
- (b) 89343
- (c) 84629
- (d) 82347

Ans. (d)

11. If "PROMPT" is coded as QSPLOS ,then "PLAYER" should be

- (a) QMBZFS
- (b) QWMFDW
- (c) QUREXM
- (d) URESTI

Ans. (a)

12. A person travels 6km towards west, then travels 5km towards north ,then finally travels 6km towards west. Where is he with respect to his starting position?

- (a) 13km east
- (b) 13km northeast
- (c) 13km northwest
- (d) 13km west

Ans. (c)

13. If A speaks the truth 80% of the times, B speaks the truth 60% of the times. What is the probability that they tell the truth at the same time

- (a) 0.8
- (b) 0.48
- (c) 0.6
- (d) 0.14

Ans.(b)

14. Susan can type 10 pages in 5 minutes. Mary can type 5 pages in 10 minutes. Working together, how many pages can they type in 30 minutes?

- A. 15
- B. 20
- C. 25
- D. 65
- E. 75

Ans: E

15. Six bells commence tolling together and toll at intervals 2,4,6,8,10 and 12 seconds respectively. In 30 minutes how

many times they toll together.

- a) 4
- b) 10
- c) 15
- d) 16

Ans: d)

Section3-technical ,20 questions

1. If the time quantum is too large, Round Robin scheduling degenerates to

- (a) Shortest Job First Scheduling
- (b) Multilevel Queue Scheduling
- (c) FCFS
- (d) None of the above

Ans. (c)

2. Transponders are used for which of the following purposes

- (a) Uplinking
- (b) Downlinking
- (c) Both (a) and (b)
- (d) None of the above

Ans. (c)

3. The format specifier "-%d" is used for which purpose in C

- (a) Left justifying a string
- (b) Right justifying a string
- (c) Removing a string from the console
- (d) Used for the scope specification of a char[] variable

Ans. (a)

4. A sorting algorithm which can prove to be a best time algorithm in one case and a worst time algorithm in worst case is

- (a) Quick Sort
- (b) Heap Sort
- (c) Merge Sort
- (d) Insert Sort

Ans. (a)

5. What details should never be found in the top level of a top-down design?

- (a) Details
- (b) Coding
- (c) Decisions
- (d) None of the above

Ans. (c)

6. In an absolute loading scheme, which loader function is accomplished by assembler

- (a) Reallocation
- (b) Allocation
- (c) Linking
- (d) Both (a) and (b)

Ans. (d)

7. Banker's algorithm for resource allocation deals with

- (a) Deadlock prevention
- (b) Deadlock avoidance
- (c) Deadlock recovery
- (d) None of these

Ans. (b)

8. Thrashing can be avoided if

- (a) The pages, belonging to the working set of the programs, are in main memory
- (b) The speed of CPU is increased
- (c) The speed of I/O processor are increased
- (d) All of the above

Ans. (a)

9. Which of the following communications lines is best suited to interactive processing applications?

- (a) Narrowband channels
- (b) Simplex channels
- (c) Full-duplex channels
- (d) Mixed band channels

Ans. (b)

10. A feasibility document should contain all of the following except

- (a) Project name
- (b) Problem descriptions
- (c) Feasible alternative
- (d) Data flow diagrams

Ans. (d)

11. What is the main function of a data link content monitor?

- (a) To detect problems in protocols
- (b) To determine the type of transmission used in a data link
- (c) To determine the type of switching used in a data link
- (d) To determine the flow of data

Ans. (a)

12. Which of the following is a broadband communications channel?

- (a) Coaxial cable
- (b) Fiber optic cable
- (c) Microwave circuits
- (d) All of the above

Ans. (d)

13. Which of the following memories has the shortest access time?

- (a) Cache memory
- (b) Magnetic bubble memory
- (c) Magnetic core memory
- (d) RAM

Ans. (a)

14. A shift register can be used for

- (a) Parallel to serial conversion
- (b) Serial to parallel conversion
- (c) Digital delay line
- (d) All the above

Ans. (d)

15. In which of the following page replacement policies, Balady's anomaly occurs?

- (a) FIFO
- (b) LRU
- (c) LFU
- (d) NRU

Ans. (a)

16. Subschema can be used to

- (a) Create very different, personalised views of the same data
- (b) Present information in different formats
- (c) Hide sensitive information by omitting fields from the sub-schema's description
- (d) All of the above

Ans. (d)

17. A 12 address lines maps to the memory of

- a. 1k bytes
- b. 0.5k bytes
- c. 2k bytes
- d. none

Ans: b

18. In a processor these are 120 instructions. Bits needed to implement this instruction

- [a] 6
- [b] 7
- [c] 10
- [d] none

Ans: b

19. In a compiler there is 36 bit for a word and to store a character 8bits are needed. IN this to store a character two words

are appended .Then for storing a K characters string, How many words are needed.

- [a] $2k/9$
- [b] $(2k+8)/9$
- [c] $(k+8)/9$
- [d] $2*(k+8)/9$
- [e] none

Ans: a

20. Virtual memory size depends on

- [a] address lines
- [b] data bus
- [c] disc space
- [d] a & c
- [e] none

Ans : a