

HEXAWARE PAPER ON 21ST NOVEMBER 2007

Written Test: Dear friends please refer the earlier papers well and I bet itz gonna help you. The synonyms and antonyms, wrongly spelt words are really easy and the quantitative is no tuf. Just be familiar with age problems, averages, profits and losses, men and work, partnerships, quadratic equations, speed(upstream/downstream and train), number series and simple and compound interests. And yes, be thorough with geometry questions. There were questions to find the area of a triangle giving their vertices and problems on collinear points.

The C programming part was also really easy, just to find the output that dealt no pointer section.

This is the easy part of the test, the rest is all upon luck, and you can expect really tuf questions on networking and operating systems. To find the bit address, bit rate, bit length. I simply took my chance since there were no negative marking. You could find some simple questions on general computer awareness.

I don't remember the exact questions given for the test I'm sorry I just could give the overview of the test. But I'd recall some questions that were repeatedly asked from the earlier papers.

Find the odd man out

- 1.file edit view insert explore
2. In the series 0, 3, 8, 15,___ What is the next number?
Ans : 24
3. A E I O
4. programs documents settings properties
- 5.processor, motherboard ,display card, mouse

The bottomline is that there are 100 questions and 1 hour with a luxury of no negative marking. One could easily do the easy questions in half an hour that is the 60% of the questions and then move to the tougher ones. Simply make sure that you had attempted all the questions, you might not know when luck has befriended you.

To conclude, attempt all questions beware they have cutoffs for each section that they wont reveal.

GD: They are mainly looking for people with confidence and who can come up with atleast 1 or 2 valid points. If you happen to go against the majority stand there are more chances for you to get noticed.

Our team was given the topic on 'The need of Machines for men'. I opened the discussion supporting and almost of our group supported me. Only two stood against the notion though they were short of points they were selected. The earlier batch discussed about 'pollution'.

And finally 26 were shortlisted after the GD, conducted in 4 groups of which 5-6 people were selected from each.

Interview: I thought almost everything is done after getting through the written test and

the GD. All of them who got shortlisted were so confident that we assumed that we all would leave the interview room with the offer letter. But the worst was yet to come. Only 1 of the first 10 got the offer. And when I enquired who had their interview, I was left with no much hope. They asked questions from our engineering stream, our main project and they treated the computer science students the worst. For electrical students they asked about maximum power transfer theorem, circle diagrams, varley loop test and so on. For computer and IT students they asked questions from networking and operating systems. The most repeated questions were on RISC, paging, registry and sorting. Before me 4 too got selected and when my turn came I was entered in with no clue about the questions. Only 1 person handled the personal interview while the other one just helped the whole process going smooth.

The interviewer first asked me that why am I interested to join Hexaware. I said they were the best in the domain (Airline) they handle, they are ranked second best IT provider in Germany and blah blah...(read their homepage before you get into the interview panel)..he had some idea that I checked their site so didn't listen after a min and then asked that why I aint placed yet... meanwhile he took a paper and wrote 1 question in either side of that paper and asked me to move to another cabin and be back after 10 minutes with 5 min for each question. Since my stream is electrical I had to solve an RLC circuit and find the current flowing in the circuit and the other question was to sort an array of n integers. I did the coding part using C++ but I couldn't find the value of the current, though I deduced an expression for the current. When I showed him the paper he came charging at me asking why I didn't complete the problem. I said I needed 1 more paper to find the value of current. Though I kept cool till the interview session, I got really tensed during the interview and he simply added that.

They were scanning my resume again and again and atlast he asked if he gives me an offer to join whether I'd be able 2 join within a week to any place where Hexaware got a centre (I've quoted in their application form that I need atleast 2 weeks to join). Only then I knew that I got selected and I shook hands with him and the other guy and we all laughed breaking that tensed atmosphere. He told that either I'd have to join Mumbai or Chennai.

The other coding problems given for the candidates on the day were

1.to print

```
*  
***  
****  
*****
```

2.To print a series of numbers like 1,-2,3,-4....

3.To print Fibonacci numbers

Hope you people got some idea about the Hexaware recruitment process. Just be

confident and do the basics right; the job is yours....!

C u soon at Hexaware!!!

Thanks
Anoop Krishnan

HEXAWARE PAPER ON 15TH APRIL AT ITER,BHUBANESWAR

Hi friends, I am Tanmoy Parida 4m ITER, Bhubaneswar . Hexaware visited our college 4 campus selection on 15- 16th April, 2008

It had 3 rounds

1. WRITTEN
2. GD
3. TECHNICAL+HR

1. WRITTEN ROUND:

It had 2 sections. First one is aptitude + English + reasoning & second one is technical. As I am an Electrical student language or database Qs were not there. We had Qs 4m Electrical machines, control system, AEC, Microprocessor and DEC. This was also 4 ENTTC & AE&I students. Mechanical students were not allowed.

Aptitude section was relatively easier than technical. If u have done R.S. Aggarwal then the 1st section is not a thing 2 b worried of. But technical section need basic fundamentals of all d mentioned subjects.

Total 100 Qs were there and 1hr was given 2 solve that. Be careful because there were sectional cut off as well as overall cut off.

Around 250 students appeared 4 written test n 123 cleared it. Luckily I was one of them who got selected.

2. GD ROUND:

This is the elimination round. In this round they basically look 4 creativity n presence of mind n also confidence. Don't panic .12 guys were there in my group. Ours GD was a bit diff. We were divided into 3 groups n each group were given a topic each, like we had THINKING BIG , LADDER TO SUCCESS. We were told to give an instance or make a play so that the ideas of d topic that we got come out. Also we were told not to mention d name of d topic directly during our presentation. We were given 2 minutes 2 prepare. Then the instructor asked each group one by one 2 give their presentation. After we all finished they asked everybody 2 give their views n draw conclusion 4m all d 3 topics that were given 2 us.

Others groups had normal gd, some topics were JOINT FAMILY Vs nuclear family , role of govt. in IT sector, Arrange marriage Vs love marriage etc.
35 students including me cleared this round.

3. TECHNICAL + HR INTERVIEW:

ME: Good after noon sir,

HE: very good after noon, have a sit...

ME: thank u sir...

HE: what is your favourite subject?

ME: Transmission & Distribution

HE: draw the supply system 4m generating station 2 consumer

ME: done

HE: why we need 2 step up d voltage

ME: voltage increases so current drops, so $I^2 R$ loss decreases and conductor size decreases

HE: if u r given 2 power of same unit, how can u differentiate them (volt n amps not 2 b considered)

ME: got confused n told Amnt of heat dissipation

HE: motor n generator principle

ME: done

HE: why d upper pin of a 3-pin plug is bigger in size

Me: answered

HE: write a C program 2 add numbers 4m 1 to N n an RDBMS query 2 find max. salary

Me: answered

FINALLY RESULTS WERE ANNOUNCED IN D EVENING ON 16TH N I WAS ONE OF THOSE LUCKY 10 STUDENTS TO GET THROUGH.

Best of luck.....

SYNONYMS,ANTONYMS & INCORRECT SPELLINGS

some words

1. acrimonous
2. inconspicuous
3. bland
4. abate
5. cusp
6. profligate;&nb
7. vigour
8. vlighten

APTITUDE SECTION -

odd man out-like man in

A E I O ans o - (rest are made of lines now tell me are a big zero)

(fig) circle star rectangle another symbol ans star - rest are flowchart symbols

programs documents settings properties
ans properties (others appear in START menu - he! my favourite question)

processor ,motherboard ,display card, mouse
ans mouse - (others are inside the cabinet -- need out of the box thinking)

Computer Awareness

where is SIM card found ans mobile phone (by the way can you expand SIM)

what is the lock symbol appearing in bootom of the browser mean
ans. connection secured (confusing another choice is Verisign secured - you will see tick mark when it is Verisign authorised)

expand WAP ans Wireless Application Protocol

expand CORBA ans Common Object Request Broker Architeture

92.168.100.4 - means what ans IP Address crack choice a)sums choice b)your head

Find the reminder when 333666777888999 divided by 3 or 9 or 11 ?

Which is the biggest perfect square amongst the following :
15129, 12348, 23716, 20736

In the series 0, 3, 8, 15,__ What is the next number?

$X < 0, Y <> 0$ then what is the possibility that the result is always positive? Ans. $(xy)^2$

Let $ax^2 + bx + c = 0$ If the sum of the equal roots is equal to the product of the same roots. Then which

of the following hold true

- (a) $a + b = 0$
- (b) $a = 0$
- (c) $c = 0$
- d) $a + c = 0$

Find the value of $(1.99)^2$ Ans. 3.9601(dont calc - should be near to 4)

There is a room with 6' x 8'. A 1' tile is fixed along the 4 walls in one row. How many 1" tiles require to finish the work. Ans. 24

2 persons can finish a job in 8 days. First person alone can finish the work in 24 days.

How many days
does the second person take to finish the job? Ans. 12 days

In a car wheel, two spokes cover 15 degree. Then for the entire car, how many spokes are there? Ans. 24.

What is the angle of degree suspended when two hands of clock showing the time 2.30.
Ans. 105 degrees

A person's salary is getting reduced by 20%. What percentage should be added to get back his original salary?
Ans. 25%

Two persons start at the same point, walk in opposite directions with 5km/hr and 5.5km/hr respectively.

What is the distance separated after 2 and half hrs? Ans. 26.25 (approx)

A person starts walking at a speed of 5km/hr through half the distance, rest of the distance he covers with speed 4km/hr. Total time of travel is 9 hours. What is the maximum distance he can cover? Ans. 40 km

In a rectangle the length is increased by of the original length . By what proportion should the width be reduced so that the area will be the same? Ans. 33

Find the nth number in the series is 1, -3, 5, -7. ___ Ans. $(-1)^n(2n-1)$

If a square is formed by the diagonal of the square as an edge, what is the ratio between the area? Ans. 2

The perimeter of a rhombus is 52 units. One of its diagonal is 24 units. What is its second diagonal's length?
Ans. 10

A cubical rectangular bar has the dimensions with the ratio 5 : 4 : 3. Its volume is 7500. What is the surface area of the bar? Ans. 2350

A person's salary is decreased by steps of 20%, 15% and 10%. What will be the percentage decrease, if the salary is decreased in a single shot?

3 persons started placement papers with a capital of Rs.3000 . B invest Rs.600 less than A, C invest Rs.300 less than B. Then what is the share amount of B in a profit of Rs.886 ?

$178^2 - 22^2$ (USE $(A+B)(A-B)$)

$f(x) = x!$ $g(x) = x^{10}$ $h(x) = 10^x$ for large values of x which is greater?

$f(x) = 1/(1-x)$ find $(f(f(f(x))))$

$x + (1/x) = 2.5$ find $x^2 + (1/x^2)$

$2^{(2^n)} = 256$ find $2^{(2n)}$

$x=0$ $y=0$ $6x+7y=42$ find position (lies inside/out/on) of (4,5) in the triangle

22 Jun 2003 is sunday which year previously did 22 jun became sunday

A man walked 30m west 5m south 10m west 35m north to reach tollgate find the dist from start to gate. ans. 50m (use pythagoras)

area of square = sum of areas of rect1(41*27) and rect2(41*14). find square side. ans. 41

find next in series 31,29,31,30,31,? ans. 30 he!he!he!(they rep jan,feb,mar,.... hit your head) Walk/Swim thro Coding

Input a,b

$s=0$; $c=a$; $d=b$;

while($d < > 0$)

{ $s=s+c$;

$d=d-1$;

} Print s

for given values of a,b find the output

5 questions for different values of a,b

Input a,b

while($3a+2b < 100$)

{ $s=s+a$;

$a=a+2$; $b=b-1$;

}

for given values of a,b (i remember one 29,5) find the output

Tips 1. Do the coding first and you are out - They are time consuming - Save the worst for last 2. Be choosy -

take the easy (questions) first - So scan scan scan 3. best path in hexaware tree language - ---> odd man out

----> computer awareness ----> easy sums -----> difficult sums ----> coding do this or find the path

to your home.

Group Discussion

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No GD only shout!!! - Our LOk Sabha Style

Shout at top of your voice and shout some meaningful points

Please train ur vocal chords! Drink our good pure(pun intended) water before GD

IF u cant then carry a loudspeaker

10 per group max 3 groups

final interview they select 3 from each group

Dont think 1-proposer 1-opposer 1-moderator it could 3-proposer or 3 opposer too.

If your group is silent Please follow GD rules.

30 minutes of shouting(3min-choose the topic, 2min-prepare,20min-shout)

They might also give you a topic.

Please dont wait for your chance - Grab

Be ready to summarise. Try to say all the points told and say conclusion is yet to be reached.

Dont ever make unruly gestures. You are out immediately.

Be ready for any topic .Only general topic - no subject, economics style Inside Out Questions you want to ask but dont know to whom

HEXAWARE SAMPLE PAPER ON 30th AUGUST2006 AT PANVAL

Hi friends,

I had appeared for Hexaware Technologies Test through G4careermapping in august 2006.

Paper pattern was completely different than the previous year

It consisted of

1)simple Quantitative questions

some of them were

1. Average of the numbers is 80 and sum of the numbers is 160.How many numbers are there in all.(numericals may differ).

2. 6 pounds of water with 4% salt is heated so that 1%water gets evaporated.what % of salt is left(ans:4%)

3. three coordinates of a triangle are given. we had to find the perimeter of the triangle.

solution: first using distance formula we will have to find the sides of the triangle and then for perimeter sum of the sides is the answer

4. etc

2) Technical questions

Here care has to be taken about the basics in

1. AOA
2. Data structures
3. O.S
4. Time complexities
5. etc

3) critical reasoning

4) Paragraph questions

and finally G.D

Here combination of Aptitude test and G.D is taken

G.D topics we had was all general

They herein look our communication skills and how we react to others opinion including other factors

Some topics were

1. Does Mumbai colleges have good Infrastructure and faculty
2. Reality shows (sa re ga ma and etc) should be encouraged or not.
3. Geography is flat
4. HBO channel
5. etc

selection is done on the basis of combination of Aptitude and G.D
after selection Hexaware Technologies takes charge of the interviews

3rd round

Technical interview

All basic stuff of your field

I was from computers, The questions were

1. what are pointers
2. what are stacks and queues
3. what are linked lists
4. what are arrays, how to retrieve an array
5. what are strings
6. A simple programme to find whether the no is even or odd

- 7.Others had all DBMS questions
- 8.Difference between RDBMS and ORDBMS
- 9.Some others had project related questions
- 10.etc

4th round

HR interview

- 1.whether opting for further studies
- 2.if yes which field
- 3.what's your ambition
- 4.etc

by

srikari

HEXAWARE PAPER ON 27th FEBRUARY AT SCSVMV UNIVERSITY

Hi Friends,

HEXAWARE TECH.'s On-Campus interview for pre-final years at SCSVMV University on 27th Feb '07.

SELECTION PROCEDURE:

- 1) Written Test - 100 questions - 100 marks - 1 Hour
- 2) Group Discussion.
- 3) Technical Interview.
- 4) HR Interview. (TECH + HR in my case...)

DETAILS OF THE TEST:

Exam duration: 1 Hour.

Total Questions: 100

Total Marks: 100

Each question carries 1 mark... no negative marking...

Speculated CUT-OFF range- 35 and above

Written test results were announced within 45 minutes.

GD results were announced within 2 minutes.

TEST PATTERN:

Synonyms n antonyms- 10 questions.

Find the misspelled words - 5 questions.

Fill in the blanks with appropriate words - 5 questions.

Quantitative Aptitude - 40 Questions.

Technical section- 40 Questions (Separate questions in this section for IT (CSE and IT) and Non-IT (EEE, ECE) guys).

Go through any dumb quantitative aptitude text book like R.S. AGGARWAL ... but...

some questions require thinking of a different kind...

The strategy should be some thing like this...

If you're comfortable with Q.A section... go for it right away.. There's no point in loosing opportunity to gain marks to sitters out there waiting for your mercy!! .. And if you didn't pump in the usual amount of preparation for the exam... Go for the technical section....remember... ECE and EEE dudes have the same question paper!

Majority of the questions that I came across were related to... Control Systems... Digital electronics... Electrical Machines... go through all the damn basics from these topics... And... well... the English part... ALL PEOPLE PRAY THY LORD... BARRON'S - HOW TO PREP. FOR GRE.

Easily you can answer 40 - 50 questions within 30 minutes... THIS IS A FIGURE INDICATIVE OF THE ANSWERS THAT ARE DEEMED CORRECT BY THY LORD... and... don't leave your answer sheet blank ... as far as there is no negative marking... you can always fill up those empty answer bubbles...

GD Topics:

1. Should parent's n teachers be instructive towards their wards post adolescence?... in simple terms... Should parents prove themselves a pesky lot for their children.. Even after they reach 18 years?
2. Arranged Marriages Vs Love Marriages... (Never... ever think about saying somethin like.. Loving your mate after getting married and... stuff like that!!)
3. What should India do to win a gold medal in the Olympics?.

The GD topics are really intuitive... and entirely based upon the mentor standing over. He gives you one minute flat to decide a topic of your choice among yourselves... And if you don't end up with something... He might go for very general topics like the ones above...

Preparation for GD... should be something like this...

Take up the recent editions of FRONTLINE... I recommend no other magazine than this...If you can afford it... subscribe it... Get the facts over hot n Boiling issues the world over such as... Murder trail of saddam hussain... Russian oil prices issue... Israel-Palestine Conflict... Indo- Pak scenario through the decades... Is china a tough competitor to India over the IT Highway?... Brain Drain and Brain Train... Why the hell is America playin with the lives of oil soaked countries... and... Bombay Serial bombings... Godhra incident.... Anything... read the editorial section of The Hindu daily... you'll have real time inferences at your hand.

Overview of GD:

My GD topic is "Should parent's n teachers be instructive towards their wards post adolescence???"

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www.123eng.com Engineering the Engineers

My Batch consisted of 13 members. The initiation was damned to hell... you get it right and flowing.. You've done your job 50%. Ma GD section was like this... (1 min-choose the topic, 2min-prepare the topic, 20min-shout like hell)So.. Here r my rules...

Nobody gives you a chance to speak up.. Its your right to get noticed. . Don't wait for your chance - Grab it, carry a loudspeaker if possible.

Have a firm but relaxed sitting posture... Lean slightly forward... don't play with a pen or pencil... you'll be noticed from head to toe... remember!

Never ever make unruly gestures. You are out immediately!!

Remember... QUALITY > QUANTITY in GD's. Speak up in a very firm tone... the authority in your voice should command that you're a leader from hell!

If the situation degrades to a shouting match... Shout at the top of your voice... otherwise you may not be noticed by others.

Get ready to summarize. 2 or 3 chosen people will summarize the whole discussion. Try to say all the points and speak out the appropriate conclusion.

So... even if you talk less...but can manage somehow to put forward six to seven QUALITY (Don't you talk crap... mike!) points into the discussion.. You're in. Mail me if you didn't make it... I'm your last hope!!

I delivered all these at the right instance... and... I'm one of the lucky 4 guys outta my batch heading for the HR.

HR

Right after the GD, we had a one hour break after which we had an excruciating spell waiting for our turn to come up. I geared up myself, imagining all the possible situation that I could possibly fall into.. I had this nausea coming up from the bottom, as people were coming out of the interview halls either with delighted or.. Sloppy faces.

My turn now..

HR: You have good grades at your +2 and UnderGrad..Tell me about yourself giridhar
Me:Blah blah blah... for five good minutes

I had intermittent questions as i was blurting ma answer out... can't remember each too well.

Gyan:Never initiate this answer with something like. I've had my schooling at this school...at that college... undergrad at this college.. ma marks are... stop yelling out the crap thats already with him in your CV and.. tell him who you are... how is your environment... your ethical and moral values.. how you achieve our goals... this deadly question needs at least a days preparation... get it right and gear up for the next question

HR: What are your negatives giridhar?

Gyan: This question reflects your attitude towards yourself. I think the negative aspect of yours should not be a cost to the company ("your negative should be a positive one to the company"). Be very careful in answering this question. "perfectionism" might be a good example... you are a perfectionist.. but it makes you feel kinda restless...but it is an asset to your company.

HR: What do you know about this company

Gyan: This question is mainly asked to test about your ability to do homework. (not the homework we do in our schools). It is knowing beforehand about the company . You gotta studyout some intricate and important details such as the company's stock value... it's expertise in parallels.. company locations..etc., You don't need to know in and out about the company but still, the more you know, the better are your chances. Go through the company website completely and run a search in google.

HR: Tell me about your mini-project.

Gyan: This is used to test your ability of selling. That is, your ability to explain something. Be sure footed about your project. The technical questions may sometimes start from this question. They kicked them off with this question

HR: What are our favourite subjects?

ME: Electrical Machines and Power Electronics.

He then started off with questions , very basic ones initially and then digged deep into the subject .Questions i remember

"What kinda motors are used in trains and trams"

Ans: Series and compound motors

"Draw the phasor diagrams of all the electrical machines you know"

Ans: Confessed that i remember none... could draw diags of R, L and C combination circuits. Got myself bombarded with questions from power electronics (My Mini Project)

HR: What languages are you comfortable with??...

ME: C++

Questions: WAP to generate fibonacci series

Swapping of numbers using call b ref. And call by value (Only logic.. cut out the printf... scanf kinda crap).

That's it guys! These are all I can remember. Again I have covered most part and any other questions will be similar. So extrapolate what I have given here and prepare accordingly.

Last thing; please live up to your Resume. Do not think of putting something that you don't know about or know just 'something' about. Highlight the words which you are completely confident of. When seeing your resume, the interviewer must be able to get knowledge of who you are by just giving a glance. So highlight your GPA if it is high and skills which you know in and out.

Your resume need not be 3 or 4 pages long to tell you are a learned person. The contrary holds good in the real life. The shorter and 'sweeter' the resume is the better are your

chances. 2 pages is good enough.

Face the interviewers with a positive frame of mind. Think that you can do it. What is in your mind, either the positive or negative mindset just reflects in your face, eyes and in your words.

All the best. See You @ Hexaware.
Giridhar

HEXAWARE PAPER ON 19th APRIL

Hi Everyone This is Abhishek Tiwari From S.S.C.E.T Bhilai. I attended the Hexaware recruitment.....on 19th April in B.I.T Durg. Around 400 students attended the recruitment test and finally 28 were selected. I was one of them

The recruitment procedure consists of 3 rounds

1. WRITTEN TEST (APTITUDE, ENGLISH, TECHNICAL)
2. GD.
3. INTERVIEW.

1. Aptitude

The Aptitude round consisted of 100 questions and you are given 60 minutes time... The aptitude round consisted 25 verbal q's, 25 Maths q's and 50 technical q's... Time will not be enough to complete the paper start with verbal and move to technical and at last do the maths... The technical aptitude questions are different for IT and Non IT stream...

The few technical questions I remember are

1. Which of following dissipates least power?
 - a. TTL
 - b. ECL
 - c. RTL
 - d. CMOS [ans]

2. What is the laplace transform of unit impulse function?

Ans.1/s.

3. The resistor is given voltage $V=150 \sin t$.what is the power dissipated?

4. How to find the value of Z in theveins theorm ?

Ans sc voltage source and oc current source.

5. If in addition of excess-3 code the sum exceeds 9 then what we hav to do?

Ans subtract it by 0011

6. A signal is modulated having modulation index 3 and 4 .what will be resultant M.I

Ans $5[\sqrt{m_1+m_2}]$

7. IC timer 555 can be used as?

a. astable mv

b. monostable mv

c .freq divider

d. all[ans]

8. Give the contents of SP & HL pair after the execution of following statements

1002 LXI SP, 27FFH

1003 CALL 1006H

1006 PUSH H

Ans SP=27FFH HL=1006H

9. Phase margin of system is 125 what is its gain margin?

Ans -125 [not sure]

10. If the gate voltage is increased the n what will be the effect In MOSFET?

Ans Channel widens.

11. Current in the rotor of 3 phase induction motor is due to?

Ans Induction.

12. Question on transmission line with values of Z_{oc} and Z_{sc} given. Find the value of Z_{ch} ?

Ans $Z_{ch} = \sqrt{Z_{oc} \times Z_{sc}}$.

13. White noise has?

Ans Flat power spectral density.

14. The Transfer function of the system was given .find the no. of breakaway pts?

15. If a function has half wave symmetry its Fourier transform consist of?

A. only odd harmonics

B. only even harmonics

C. Both even & odd harmonics but no constant term

Some questions were from digital communication, digital electronics all questions were basic.

The aptitude questions were repeated from previous papers. Few of them are

1. Let $ax^2 + bx + c = 0$

If the sum of the equal roots is equal to the product of the same roots. Then which of the following hold true

Ans. $b+c = 0$

2. A person's salary is getting reduced by 20%. What percentage should be added to get back his

original salary?

Ans. 25%

3. In a rectangle the length is increased by of the original length. By what proportion should the

width be reduced so that the area will be the same?

Ans. 33

4. Find the nth number in the series is 1, -3, 5, -7.____

Ans. $(-1)^{(n-1)}*(2n-1)$

5. If a square is formed by the diagonal of the square as an edge, what is the ratio between the area?

Ans. 2

6. 12. In the series 0, 3, 8, 15,___ What is the next number?

Ans 24

7. find odd member out?

A .IBM B.DELL C.COMPAQ D.MOTOROLA

A. SQL server B. Sybase C.ORACLE D.UNIX

A. B B. C C. F D. I

Few Questions from a passage ,to find the synonyms and antonyms of the BOLD words

Few Questions to correct the sentence given

Out of 400 students appeared 133 cleared the written exam

2. GD.

We were divided in 13 groups each of 10 students

The few topic given were

· Performance of Indian cricket Team in 2007 WC

· Should Women be inducted in Indian Army?

· A plane has been hijacked by the terrorist, now u have to decide weather to take military action or to negotiate with them. Discuss.....

My topic was women's reservation should be forced in IT industry

They check your communication skills and level of understanding and general awareness
.If possible interact with ur group before the GD & try not to make A fish market in the
GD

Out of 133 students 48 got through GD

3. INTERVIEW.

It was a general interview .Few students were asked basic questions related to their
branch. Some students had purely HR interview. Mine was completely HR interview with
few questions on C Be thorough with your resume .Try to give Specific examples for
questions related to ur resume .Listen carefully the PPT & prepare ans. accordingly .

Out of 48 students 28 were finally selected and I was one of those lucky 28

Hope to see u in Hexaware in near future. Best of luck.....

HEXAWARE PAPER ON 17th OCTOBER 2006 AT PRAGATI ENGG. COLLEGE, KAKINADA, AP

Hi friends

iam Sirisha,doing my final year in Regency Institute of technology and my stream is
computer science.

i hailed from yanam.i attended off campus conducted by HEXAWARE in pragati engg
college near kakinada on 17 and 18 of october and i got selected.

i wanna say u the selection procedure ,first they hve conducted the appitide test consists
of 100 questions and we hve to answer it in 60min.no negative marking.the pattern of the
paper follows:

25 Verbal :

5 synonym

5 antonyms

5 blanks(choose the correct word according to situation)

5 -->identify the misspelt word

25 appitide questions(date,shares,mixtures,age,proportion.....)

50 technical(separate for each branch mostly OS,DBMS,Automata.....for cse&it)

they hven't mentioned the cutoff

2nd round is GROUP DISCUSSION

HR was so cool,firstly they made us aware wht we hve to focus on and wht they expect)

they told not to say crap,they intimated to talk logically.our batch consists of 12 and they hve seledcted 2 including me.

HR suggested the topics like -->IS RED GOOD OR BLUE,JUMP.

as some of our batchmates are not familiar we hve gone with LOVE MARRIAGE VS ARRANGED MARRIAGE.

they gave nearly 12 min and in the meanwhile hr told to exchange our roles

i grabbed in introducing and concluding the topic.i interrupted 3 ,4 times.ought to interrupt more than twice

next round is TECHNICAL/HR .it is held on 18 oct(the next day) and they intimated me to attend at

9:30AM,but i got chance at 5PM.

Firstly they asked me about my self,then my short term and long term goals,why should i hire you.

then they popped qs on my favourite subject,they asked me to write a C program calculating my avg till 6th sem and printing min and max.

then they asked me about my paper presentation which i placed it in my resume ,nearly at 9:30 pm they intimated the results and i got selected. out of 624 members they were 150 from aptitude and in the gd 58 at last 23 of us r part of the organization Hexaware.

It just depends on our communication skills and also a little of technical and our confidence plays a major role here.Go with positive attitude and get selected. ALL THE BEST.

HEXAWARE PAPER ON 15th July 2006 AT TRUBA COLLEGE, BHOPAL

Hi,

I have recently been placed in Hexaware technologies in july 06.

It was through G4 solution.

There were basicly 3 rounds.

1.Online examination - The online examination was of 60 min AND 60 QUES were asked.

mostly from english,basic Quantative aptitude and the most important part was computer awareness. There were average level of questons.

The test was held by G4 solution, a userid and pass was given to us and through that we got login.

2.GD - Just after the Online exams we were told to go for GD where we were organised in a group of

10 students. The GD was very much with the rules. Everyone was given the chance to speak

They expected strong communication skills

on the basis of online test and gd a combined shortlist was given.

Out of 950 students who participated..209 got shortlisted.

3. Interviews - The Next day we had Final Interviews. There were 6 panels who were taking the interview.

First was an HR Interview which was of 5 mins. after that they send me for technical interview which lasted for 45 mins. They expects strong basic technical knowledge of ur core branch.

As i was from It i was asked few questions on
OOPs, JAVA, C++, Internet, Networking, Database.

If your basics in technical is clear u will definetly crack hexaware.

FinaLY they selected 28 students out of 209.

i was one of them.

So guys, if u want to crack hexaware. Keep ur Basics clear

So Prepare well..and all the best , hope to meet in Hexaware

HEXAWARE PAPER ON 11th DECEMBER AT CHENNAI

Hi Friends,

I got selected in hexaware technologies on dec 11th...

Their selection procedure consists of 3 rounds

1. Aptitude
2. GD
3. Technical and HR

1. Aptitude

The Aptitude round consisted of 100 questions and you are given 60 minutes time... The aptitude round consisted 25 verbal q's, 25 Maths q's and 50 technical q's... Time will not be enough to complete the paper start with verbal and move to technical and at last do the maths... The cut off is only 30 so there will not be any problem in clearing it... But the paper will be very difficult... The technical aptitude questions is different for IT and Non IT stream...

60 attended the aptitude and 30 cleared it...

2. GD

The GD is very simple... You are given 2 minutes time to choose the topic of your own and then immediately start the discussion... We were divided into group of 10... Choose simple topics... The topics of our 3 groups were

1. arranged marriage vs love marriage

2.Cell phone boon or bane

3.Co education good or bad

The important thing GD is dont fight like a debate... Be loud and clear... Dont ever see the HR person sitting there... Discuss among your members... Dont switch from advantage to disadvantage... Speak out valuable points... These are more than important to clear the GD...

Out of the 30 who cleared the aptitude 14 were selected for the technical and HR round...

3.Technical and HR

This is the major round of filtering... You should be very strong in technical... The resume should be perfect... They find out many mistakes in it... My technical interview lasted for nearly 45 minutes... there were two persons out of which only one asked me the questions... Some of the questions were Marquee, vlink, alink in HTML... Some unix commands... Client server tecnology... Wat is Web Client... Applet, AWT difference between them... Told me to write Stack and Linked list program in C... Why is the #include used in c... Who founded the internet and how was it founded... What is OS...Few HR questions and some more tecnical questions... At last he wished me good luck...

Out of the 14 who cleared the aptitude only 2 were selected and to my surprise i was one among the two... I thank the almighty for this...

Be confident... Prepare more for technical... There is no need for preparation for the other two rounds... This is enough to clear... I wish u all the best friends...

Regards,

Anitha

HEXAWARE PAPER ON 10th APRIL AT BHUBANESWAR

Hye everyone... I attended the hexaware recruitment.....

The recruitment precodure consists of 3 rounds

1.WRITTEN TEST (APTITUTE,ENGLISH,TECHNICAL)

2.GD.

3.TECHNICAL INTERVIEW.

WRITTEN TEST was little difficult n lengthy also.It consist of 3sections-english,mathematics n at last techical paper which is little tuff than the other two sections.

I am a non-IT student so for us technical paper was not from C/C++ , it was electronics core type paper. So you must be perfect in ur branch papers like DEC, Power Electronics, Control System, Electrical Machines, Microprocessor etc.

Hexaware's written test was little difficult n i personally believe that it was difficult but i cleared the written test. And some of my very close friends of my branch found the paper very easy, they helped us n cleared handsomly.

OUT OF 320 STUDENTS 116 STUDENTS WERE CALLED UP FOR THE GD NEXT DAY.

MY GD TOPIC WAS----

"WHO WILL BE THE NEXT PRESIDENT OF INDIA "

SOME OTHER TOPICS LIKE "HOW SHOULD COPYING IN EXAM BE STOPPED"

"SOFTWARE COMPANIES DEVELOPING IN ORISSA"

" INDIA AS A SUPER POWER"

SO OUT OF 116 STUDENTS 34 CLEARED THE GD N FORTUNATELY I WAS THERE IN THT 34. THN SUDDENLY WE WERE CALLED FOR THE TECH INTERVIEW.

I WANT TO SHARE SOME QUESTIONS WHICH I WAS ASKED IN THE TECHNICAL INTERVIEW

WHICH MAY HELP YOU IN FUTURE....

>> I ENTERED THE ROOM-WISHED HIM.

>> HE SAID TAKE UR SIT.

>> I-THANK U SIR

>> THN HE ASKED DIRECTLY IN SUBJECT U HAVE SPECILAIZATION

>> I SAID MICRPROCESSER 8085

>> THEN HE ASKED TEL ME WITH HOW MANY VOLTAGE DOES MICROPROCESSOR WORKS?? ans is 5v.

>> I REPLIED CORRECTLY.

>> THEN HE ASKED 5v A.C. OR D.C.VOLTAGE?? ans is dc.

>> THEN HE ASKED HOW MANY PINS DOES 8085 MICROPROCESSOR HAS??

>> THEN HE TOLD ME TO WRITE A PROGRAM(MULTIPLY TWO NUMBERS)IN 8085.

>> I WROTE CORRECTLY.

>> THEN TOLD ME WRITE ANOTHER C PROGRAM.

>> I WROTE IT CORRECTLY N ALSO EXPLAINED THE BOTH PROGRAMS.

>> THEN HE ASKED ABOUT SOME INSTURCTIONS SET IN 8085.

>> I REPLIED.

>> THEN HE ASKED ME ABOUT MY NAME.

>> I REPLIED.

>> THN HE SAID OK THANK YOU-I SAID THANK YOU SIR MY PLEASURE.

I ANWSERED ALL CORRECTLY BUT MADE ONE SIMPLE WRONG. BUT I WAS CONFIDENT N HAPPY HOW MY INTERVIEW WENT N HOPING FOR THE RESULTS.....

AFTER 1HR RESULTS DECLARED OUT OF 34 SIX GOT SELECTED.AND MY NAME WAS NOT THERE IN THT SIX.THT MOMENT WAS VERY PAINFUL FOR ME.BUT THEN I REALISED I WAS OUT BECOZ OF THT ONE MISTAKE,I ANSWERED AL CORRECTLY EXCEPT ONE.ONE OF MY GUD FRD GOT SELECTED.

OK GUYS THIS WAS MY EXPERIENCE WHICH I WNT TO SHARE WIT U N MAY HELP U IN FUTURE. OK BYE GUYS.

ALL THE BEST.

Sakthi

HEXAWARE SAMPLE PAPER ON 9th SEPTEMBER 2006

Hi friends, the qs mentioned r truly correct & precise .there were 100 qs in all comprising of 20 qs in Eng, 30 qs in maths & 50 qs in their particular stream.

ENGLISH

1-5) find out antonyms:

1) scrupulous A) understood B meticulous C careless D rude E witty Ans c

2) tacit A calm B silent C intelligent D spoken E rude Ans D

3) lustrous A dull B freaky c delicious D spicy E gloomy Ans A

4) admonish A taunting B appreciate C scold E faint E shrilly Ans B

5) raucous A silky B hairy C decent D freaky E noisy Ans C

6-15)find out synonyms

6) invidious Ans discriminatory

7) vigilant a watchful b careless c freaky d faint e dirty Ans a

8) Replete Ans full,instinct

9) Implode Ans go off

10) Impervious Ans

11) Communiqué- Ans dispatch

12) impertinent- Ans fresh,

13-17) the13..... nature of internet and in the its increasing ...14..... of users because of its underlying15.....has made enhancements in its...16..... and compatible for.....17.....

Ans pervasive

Ans number

Ans advantages

Ans features

Ans organizations

TIPS: 1) for maths section refer to R.S Aggarwal & R.D Sharma of 10+2

MATHS:

1) a rhombus has area 432 sq m, one diagonal is 36 cm. find other diagonal ? Ans 24 cm

2) an equilateral triangle has perimeter a cm . find its area . Ans $\frac{a^2\sqrt{3}}{12}$

3) average of seven nos is 25. avg of first three of them is 35 while last three of them is 20. find 4th no. Ans 10

4) find avg of all nos. which lies b/w 1 and 100 & r divisible by 7. Ans. 52.5

5) avg of three nos is 33. first one is as much more than avg as third one is less than avg. Ans 33

6) find sum of series: $1 + 0.1 + 0.001 + 0.0001 + \dots$ Ans: $\frac{10}{9}$

7) if price of t.v set is reduced by 20%, then its sale increases by 80%, find net effect on sale value Ans 44% more

8) how much a decimal of $\frac{1}{3600}$? Ans 0.00027

9) $f(x)$: sq root of x , $g(x)$: cube root of x, then find value: $f(f(x)+g(x))$ Ans 1.0

10) find local max & min of $2 + f(2x^2 + 3x + 1)$?

11) find the point which is nearest to (1,2,3)

12) find \det 123

\det 456 Ans 0

789

13) integration of which is maximum for $f(x), \lim(0,1)$? a) $2x$ b) $2x^2$ c) $2x^3$ d) 2 const fn
Ans d

- 14) find vector perpendicular to $2i + 5j + 4k$ Ans $2i - 12j + 7k$
- 15) speed of boat in still water is 9km/h . if boat moves upstream A to B in 2 hrs. & B to A in 1 hrs. Then find distance b/w A&B Ans 12
- 16) what no should be subtracted from 92555 to make it a perfect square ? Ans: 39
- 17) the probability of a student possessing a ball point pen in exam is $\frac{3}{5}$ & possessing an ink pen is $\frac{2}{3}$. find his probability of possessing at least one of them . Ans $\frac{13}{15}$.
- 18) In an interview , the probability of appointing Husband is $\frac{1}{5}$ while that of wife is $\frac{1}{4}$. find probability that only one of them get selected in interview. Ans : $\frac{1}{4}$
- 19) find the probability that a five digit no formed by 1,2,3,4,5 (not repeated) are divisible by 4. Ans : $\frac{3}{20}$.
- 20) find the probability in a group of 10 students sitting in a row , two of them always sit next to each other. Ans: $(\frac{1}{9})$ (not sure , u try urself)
- 21) A clock hand overtakes hour hand in 65 min the in how much time it will cover 65 time ***** Ans none of all(refer to r.s . agg)
- 22) if no of employees are reduced by ratio $x:y$ & their wages are increased by ratio $p:q$. then find the ratio to which their wages bill decreases Ans: $xp: yq$
- 23) Three sides of a triangle are given 15,11,7, find cosine of angles ? Ans : apply formula $\cos A = \frac{b^2+c^2-a^2}{2*b*c}$, $\cos B = \frac{a^2+b^2-c^2}{2*a*b}$;
- 24) if a tap could fill entire tank in 18 hrs due to leakage, then in how much time tank can be emptied by leakage if tap can fill entire tank in 12 hrs without leakage? Ans: 6hrs
- 25) Three liquids were mixed in 5:4:1 ratios. If cost per kg for ach of them is 4.50, 3.75 & 5.10. Then in what price mixture should be sold to get 25% profit? Ans
- 26) Two commodities have cost per kg is 4.75Rs & 3.20Rs were mixed in a certain ratio so as to make cost price of mixture as 17.75 Rs. Find the ratio Ans 4:1.

Recommendations: 1) you must have fundamental knowledge in every subject u have studied so far in degree course

2) NETWORKING, AUTOMATA, S/W ENGG (testing), H/w & memory based numericals

,data structure(must), slight ADA

Technical for comp sci/ IT /MCA

1) palindrome..... recognized by finite automata A may be B can be C can't be D may not be Ans can't be

2) error detection is done by a hamming codes B cycle redundancy codes C routers d others Ans

3) how many canonical expressions can be formed when edge =2

4) if i/ps in a stack are in order 1,2,3,4,5 the order of o/ps is Ans 5,4,3,2,1

5) a logic gates does response to i/p in a) a sec b) hundredths of sec c)a few millions of sec d) a few billions of sec

6) shortest distance can be determined by which algorithm a) dynamic programming b) greedy method 3) backtracking 4) divide & conquer Ans

7) 7489 IC is a)32 bit rom B) 32 bit ram C)64rom D)64 ram

8) value of max clock is given to which a) shift register b) counter c) logic gate d)flip flop e) ****

9)in semantic analysis what we do A) arguments analysis B) syntactic constructs checking C) *****

10) which of following a queue can perform A printer spooling B cpu scheduling C *****

D all of above Ans D

11) which of following is a continuous data structure in which insertion can take place from any direction but deletion takes place from opposite direction A) stack B) queueC) array D) tree E)#### Ans B

12) how much channels an ISDN has in which different operations are done simultaneously a)2 b) 3c) 4 d) 5 E)#####

13) which n/w comprises a server in center & rest nodes surround it ? Ans star n/w

14) a tree in which every node(value) which exceeds parent node is placed on right while node lacking than parent is placed on left Is called ? Ans BINARY TREE

- 15) thrashing is done when o) don't know##
- 16) A que was on finding no of nodes in a tree having 16 child nodes (note : not exact but try to do such sums on tree in data structure)
- 17) another que was of sort that def of a tree was given in two statements & was asked which five option is valid for this def? (note : validity was asked on the base of no of childs & parents nodes) A) r child, r+1parents B) r child, r parents C) r+1 child, r parents D)r+1 parent , r child E)#####
- 18) hashing table signifies what ?
- 19) how many address bits should there be in segmentation with paging to show 512 segments each having 64 pages . Ans 15
- 20)a que was of sort that in round robin scheduling four jobs A,B,C,D were given to queue having completion time 4,1,2,1 . the quantum period was unit sec. then find throughput time of job A.
- 21) how many paths would be formed to make a complete n/w between four nodes
Ans $4+3+2+1=8$
- 22) segment statements are stored in ?
- 23) alias statement are invoked by ?
- 24) if any Automatic variable is not intialised then it will have? A garbage B 0 C -1D 1
- 25) recursive language is recognized by A turing m/c B non finite automataC finite automata D##### (note: refer to theory of computation & automata)
- 26) which protocol is used for identifying IP address A arp B rarp C x.25 D****
- 27) S->By/w
A->c/w
B-> A/y
c-> x then corresponding string is
a) $x*w + y*w$ b)##### (note refer to toc&a)
- 28) how many words can be stored in a memory of 64K?

29) Aloha is Ans channel allocation algo

30) frequency bandwidths are allotted to message by A) modem B) frequency division
mux C) ##### Ans B

31) message passing is what ?

32) tell the addressing mode in which contents of operand are direct fetched from
memory without change A) indirect B) index register mode C) implied D) base register

Ans C

33) which one of these always reside in memory? A) assembler B) linker C) loader D)
compiler C) none of these.

two qs were on o/p of program in c based on loop & static, auto, extern classes

three easy qs were based on simple h/w knowledge regarding cpu, motherboard, memory

regards, chemp

HEXAWARE PAPER ON 8th NOVEMBER AT CHENNAI

Hai friends, I am uday kumar.k. I am studying IVEEE in MITS, MADANAPALLE.

I attended for the recruitment process of HEXAWARE Tech, Chennai. on 8 & 9 of
nov., 2006.

the test pattern is having three rounds.

-> written test

-> G.D

-> Tech/HR interview

In our college they held an off campus, in that 480 members were take part in written test.

Out of them 141 members are short listed for the group discussion.

Written is not easy n as well as not difficult. 100 questions are given n u have 2 ans in 1
hr. The written test ques paper is different for IT n NON IT

students. I, being non it student, I can advice for non it students. Other 2 rounds are same n
out of branch.

Written test consists of three categories.

1) ENGLISH

In this section u have again four parts, spelling correction, paragraph forming, synonyms n
antonims.

GARNIR

CRUED

GLAANSE

EXERSISE

CAPSION

these r only examples but u will get the hard ones than u prepare. the second one is paragraph forming.

In this part u will given first n last sentences n choice for middle four sentences. i.e options r in jumbled form u have to choose the right jumble. Be thorough it's easy.

The other parts are synonyms and antonyms. These are highly difficult some words u may not heard

atleast once in ur lifetime. Uhave to chose the best word from the options given.

VERIZON

PROFFESIONAL

AGREE

DISCARD

CRUNCH

TARGET

INSTERT

BRAKE etc..

2)General aptitude. this have the simple aptitude problems.

>>problem on percentages

>>problem on profit&loss

>>problem on discounts

>>problem on time & distance

>>problem on time n work

>>problem on numbers

for us no series r oddman out were given but u be through with them.

3)Technical: This is the hot point of the test paper such that all ur intermediate and B.tech talent have to be used here.

>>If a chip having 8 bit address line what's it meomory? (simple $2^8 = 4KB$)

>>what is the alternative equipment for ac voltage controller(TRIAC)

>>Some problems on control systems such as find the poles n zeros for given T.F

$(s+2)s/(s-2)(s^2+7)+25$

>>Basics of electricalEngg i.e electric machines and power systems

>>Basics of electronics i.e DSP,EDC and micro processors.

After completion of written test u have most easy,dangerous and best eliminating round G.D.

They allot 12 members for each gooup.Topic may give themsealves r they ask u to chose the topic for ur self.

It's depend on ur Observer.If they issue the topic, its well n good.Else u chose the topic in the current affairs.

The best for G.D are

>> avoiding copy in educational institutions

>>globalisation

>>global warming

>>need for MBA

>>love marriage n arranged marriage

>>effect of movies on youth

Dont miss the chance to initialise the topic. Dont watch the observer there is a chane to get

him as ur interviewer.so be cool n talk effectively whatever the points u have.Be a best listner.

Advice the members who r idle to talk n give a chance to them. This shows ur leadership quqlities.

I got the topic effect of movies on youth I initialised n concluded the topic. I suggested the movies r necessary for youth.

I rised the points on technology development, dresscode and livind insociety etc..

If u want to initialise dont adict for a single point dissciss both advs and disadvs of the topic.Maintain eye contact with the speaker it's imporent.

In our college,141 members are attended G.D. but only 26 members are short listed for the interview process.

All this is done on 8th nov.,2006.On next day interviews are conducted.

Be prepare for both technical and HR interview.Remember ur written test code and number,he may ask.

In the interview process he may give the ques to write a progam for desired one,or he can give a set if ques on ur B.Tech basics

i.e micro processors, control systems,network theory etc..

Out of 26 members, I was around 14th member called.

At first he was uoutside of the cabin and asked me to go n sit in d cabin.After some time he came back and said

Hi to me I just stand from my chair and wished him good morning. He asked me for my application and resume.

He started his claw of questions witha simple one tell me about ur self. Be prepare for this question it gives u all ur inf'n abt u

and the confidance level also. In my resume I added an extra proffessiona course called MCSE-2003 on LAN networking.

He asked me various ques on that only. such as differences between PDC/BDC,trusted domain and trusting domaim,DNS,IP etc..

I answered all the questions except one.After a long peroid of these session,he asked me"any ques'ns?"

I asked him about the profile of the job. he explained and gave me shake hand. I replied with confidence.

After 3 hr.s they checked in all criterions i.e written, G.D n interview considering the best marks in each field. and announced the results.

I was shocked that only 4 members were selected in those Iam the one. Thank God.

Last but not least believe in god be prepare well. dont neglect ur B.Tech basics any

time.Meet u in HEXAWARE.
ALL THE BEST.
By,
Uday Kumar.

SYNONYMS,ANTONYMS & INCORRECT SPELLINGS

some words

1. acrimonous
2. inconspicuous
3. bland
4. abate
5. cusp
6. profligate;&nb
7. vigour
8. vlighten

APTITUDE SECTION -

odd man out-like man in

1. A E I O ans o - (rest are made of lines now tell me are a big zero)
2. (fig) circle star rectangle another symbol ans star - rest are flowchart symbols
3. programs documents settings properties
ans properties (others appear in START menu - he! my favourite question)
4. processor ,motherboard ,display card, mouse
ans mouse - (others are inside the cabinet -- need out of the box thinking)

Computer Awareness

5. where is SIM card found ans mobile phone (by the way can you expand SIM)

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6. what is the lock symbol appearing in bootom of the browser mean
ans. connection secured (confusing another choice is Verisign secured - you will see tick mark when it is Verisign authorised)
7. expand WAP ans Wireless Application Protocol
8. expand CORBA ans Common Object Request Broker Architeture
9. 92.168.100.4 - means what ans IP Address crack choice a)sums choice b)your head
10. Find the reminder when 333666777888999 divided by 3 or 9 or 11 ?
11. Which is the biggest perfect square amongst the following :
15129, 12348, 23716, 20736
12. In the series 0, 3, 8, 15,___ What is the next number?
13. $X < 0, Y < 0$ then what is the possibility that the result is always positive? Ans. $(xy)^2$
14. Let $ax^2 + bx + c = 0$ If the sum of the equal roots is equal to the product of the same roots.Then which of the following hold true
 - (a) $a + b = 0$
 - (b) $a = 0$
 - (c) $c = 0$
 - d) $a + c = 0$
15. Find the value of $(1.99)^2$ Ans. 3.9601(dont calc - should be near to 4)
16. There is a room with 6' x 8'. A 1' tile is fixed along the 4 walls in one row. How many 1" tiles require to finish the work.Ans.24
17. 2 persons can finish a job in 8 days. First person alone can finish the work in 24 days. How many days does the second person take to finish the job? Ans. 12 days

18. In a car wheel, two spokes cover 15 degree. Then for the entire car, how many spokes are there? Ans. 24.
19. What is the angle of degree suspended when two hands of clock showing the time 2.30. Ans. 105 degrees
20. A person's salary is getting reduced by 20%. What percentage should be added to get back his original salary?
Ans. 25%
21. Two persons start at the same point, walk in opposite directions with 5km/hr and 5.5km/hr respectively.
What is the distance separated after 2 and half hrs? Ans. 26.25 (approx)
22. A person starts walking at a speed of 5km/hr through half the distance, rest of the distance he covers with a speed 4km/hr. Total time of travel is 9 hours. What is the maximum distance he can cover? Ans. 40 km
23. In a rectangle the length is increased by of the original length. By what proportion should the width be reduced so that the area will be the same? Ans. 33
24. Find the nth number in the series is 1, -3, 5, -7. ___ Ans. $(-1)^n(2n-1)$
25. If a square is formed by the diagonal of the square as an edge, what is the ratio between the area? Ans. 2
26. The perimeter of a rhombus is 52 units. One of its diagonal is 24 units. What is its second diagonal's length?
Ans. 10
27. A cubical rectangular bar has the dimensions with the ratio 5 : 4 : 3. Its volume is 7500. What is the surface area of the bar? Ans. 2350
28. A person's salary is decreased by steps of 20%, 15% and 10%. What will be the percentage decrease, if the salary is decreased in a single shot?

29. 3 persons started placement papers with a capital of Rs.3000 . B invest Rs.600 less than A, C invest Rs.300 less than B. Then what is the share amount of B in a profit of Rs.886 ?
30. $178^2 - 22^2$ (USE $(A+B)(A-B)$)
31. $f(x) = x!$ $g(x)=x^{10}$ $h(x)= 10^x$ for large values of x which is greater?
32. $f(x) = 1/(1-x)$ find $(f(f(f(x))))$
33. $x+(1/x) = 2.5$ find $x^2 + (1/x^2)$
34. $2^{(2^n)} = 256$ find $2^{(2n)}$
35. $x=0$ $y=0$ $6x+7y=42$ find position (lies inside/out/on) of (4,5) in the triangle
36. 22 Jun 2003 is sunday which year previously did 22 jun became sunday
37. A man walked 30m west 5m south 10m west 35m north to reach tollgate find the dist from start to gate.ans. 50m (use pythagoras)
38. area of square = sum of areas of rect1(41*27) and rect2(41*14). find square side.ans. 41
39. find next in series 31,29,31,30,31,? ans. 30 he!he!he!(they rep jan,feb,mar,... hit your head) Walk/Swim thro Coding
40. Input a,b
s=0; c=a; d=b;
while(d<>0)
{ s=s+c;
d=d-1;
} Print s
for given values of a,b find the output
5questions for different values of a,b
41. Input a,b
while(3a+2b<100)
{ s=s+a;
a=a+2; b=b-1;

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}

for given values of a,b (i remember one 29,5) find the output

Tips1. Do the coding first and you are out - They are time consuming - Save the worst for last 2. Be choosy -

take the easy (questions) first - So scan scan scan 3. best path in hexaware tree language ----> odd man out

----> computer awareness ----> easy sums -----> difficult sums---->

coding do this or find the path

to your home.

Group Discussion

1. No GD only shout!!! - Our LOk Sabha Style
2. Shout at top of your voice and shout some meaningful points
3. Please train ur vocal chords! Drink our good pure(pun intended) water before GD
4. IF u cant then carry a loudspeaker
5. 10 per group max 3 groups
6. final interview they select 3 from each group
7. Dont think 1-proposer 1-opposer 1-moderator it could 3-proposer or 3 opposer too.
8. If your group is silent Please follow GD rules.
9. 30 minutes of shouting(3min-choose the topic, 2min-prepare,20min-shout)
10. They might also give you a topic.
11. Please dont wait for your chance - Grab
12. Be ready to summarise. Try to say all the points told and say conclusion is yet to be reached.
13. Dont ever make unruly gestures. You are out immediately.

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14. Be ready for any topic .Only general topic - no subject, economics style
Inside Out Questions you want to ask but dont know to whom

HEXAWARE Placement Paper

DATE OF TEST : 6 Jun 2004

it was 100 questions 1 hour test

contained
English
Aptitude
computer awareness.
including some find the output of program (5 ques on same program)
etc..

It was very easy.... You should believe this, because Literally for
the last one 1 year (exactly 10 months).

Then there was a GD...
Total 1500 guys attended the test, in five batches..

8.AM 9.30 AM 11AM 12.30 PM, 2 PM as i knew. (may be around 300 a
batch)

from each batch they selected around 5 teams each containing 13
members.

from each team depending upon the performance they took from 2 to 4
guys for interview.
around 80 guys are selected for interview as a whole.
G.D topics:

Is internet suitable for Youngers?
IS MBA needed?
about G.D(Group discussion)..
etc.

Interview was very cordial and they asked abt my personal life,
native places,my projects, and other technical skills I have.
it was really interesting one..

HEXAWARE : 29 Nov 2003

program

```
void main()
{
int a=3,c=4,c=5;
a=b+c;
c=a+b;
b=a+c;
printf("%d %d %d",a+b,b+c,c+d);
a=b*c;
c=a*b;
printf("%d %d",a.c);
}
```

then another one was to print '*' like this

```
*
***
*****
*****
n times
```

then pass by reference and pass by value....

whether pointer is a datastructure,few related questions...

then a few hr questions...

there is a bond for 2 yrs and we were called on 3rd for it and training started on 4th.,around 30 people got through out of 1200...(approx)

i thank chetana ma'am for her excellent work.the amount of information flow in this group is admirable,thousands are

helped in some way or the other.it takes a huge amount of patience,time,dedication and of course money to keep this

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www.123eng.com Engineering the Engineers

group running as it is...u r doing an excellent job..way to go...!!!

i've been hunting for a job for the last 5 months,its been a very very trying and depressing time and this group has kept

my hopes alive.friends this is what i have to say...ur time will come,the oppurtunities will come...be sure u r prepared

when they do...make sure that whatever chance that u get does not go to waste due to lack of preparation.there is only

so much that u can do...

here are my efforts for the last 5 months

itc infotech tech support resigned after 2 days.

accenture cleared test and gd but didn't get through interview

kshema technologies didn't clear test

tcs cleared test but the interview was pathetic though i was quite prepared...

satyam didn't clear test

cts didn't clear test

itti cleared test but got through hexaware before i could appear for itti interview

and of course a million resumes sent by mail and a hundred miles on foot to companies....

HEXAWARE : 7 July 2004

it was same pattern as the previous paper

the verbal and quant part was repeated.

some from synonyms were

- 1.hostile.
- 2.vigour.
- 3.abate
- 4.acrimonous
- 5.bland
6. lighten
- 7.insipid

some from odd man out were

- 1.file edit view insert explore ans: explore

2 for switch ...printf
ans:printf
3.stack queue tree array....

computer awareness

- 1.SIM fullform
- 2.beta testing
- 3.CMM full form
- 4.OLE object linking and embedding(not sure)
- 5.rs232c
- 6.storage program was invented by....
- 7.GAAP
- 8.risc
- 9.density of mercury
- 10.ph value of water

the coding was same as the previous paper.

1 if((2a+b)<100)..... 5 ques were given with different values of a and b.

2. int a==4

sqrt(a);

printf("%d",a);

1.2.0 2. 2 3. 4.0 4. 4

ans :2

3 int x==2

{x==x+2}

printf("%d",x);

some from apti

most of the questions were repeated from previous papers

i am giving only those which r not repeated

1. if x is an integer x^2-x-1 is options ..always odd

2.a number is given and find the missing digits in that no if it is divisible by 75.

3.if a number is increased by 10% then which of the following will not have the value
ans:7.5(check it).

4.if 3/10 of x is y is 10 what is the value of x.(something like that)

5. two questions on diameter of a rectangle is 4 mts and the angle b/w diameter and side
is 30 degrees find the area and perimeter.

6.product of two numbers is 900.

the sum of two numbers is 30 greater than te difference of two numbers. ans 60.

7.a+2b=

5a+4b= what is the average of a and b

ans a:-4 b:9 avg:2.5

8.mean of a data set and the standard deviation of that data set is given.u have to find out
1.5 times S.D that of the given mean

9. anand is ten years older than ram. after 5 years anand is twice than the age of ram. find anand's age after 3 years ans: 18

10. find the total no of palindromes between 100 and 1000

11. if 0

12. if X is the set of prime numbers less than 6 and Y is set of odd numbers less than 6 . if x is from X and y is from Y then the total no of combinations of $x*y$ are .. ans :9

13. ques on probability

a dice is thrown three times what is the probability of NOT getting 6 on the face of the dice.

14. how many four digit numbers can be written if all the four digits are even

HEXAWARE

written exam(100 question in one hour)

G.D

technical interview

Personal interview

The written exam consist of

5 questions ---- synonyms

5 questions ---- fill ups's

5 questions ---- antonyms

5 questions ---- similar to logical reasoning

5 questions ---- a program is given and asked to find the output for different

input

10 questions --- match the following. like

APJ ---- president

Z90 ---- microprocessor

68000 --- i don't know

penguin --- oracle

alan ---- etc...

10 questions ---- computer awareness

what is google

expand sim, gaap, cmm

what is beta testing etc..

remaining question are aptitude questions. most question are repeated what already we have. question came from rectangle, square etc..

hexaware tech on-campus test from v.j.t.i mumbai it was same pattern as the previous paper the verbal and quant part was repeated. some from synonyms were

1. hostile.
2. vigour.
3. abate
4. acrimonous
5. bland
6. lighten
7. insipid

some from odd man out were

1. file edit view insert explore ans: explore
- 2 for switch ...printf
ans: printf
3. stack queue tree array....

computer awareness

1. SIM full form
2. beta testing
3. CMM full form
4. OLE object linking and embedding (not sure)
5. rs232c
6. storage program was invented by....
7. GAAP
8. risc
9. density of mercury
10. ph value of water

the coding was same as the previous paper.

- 1 if((2a+b)<100)..... 5 ques were given with different values of a and b.
2. int a=4
sqrt(a);
printf("%d",a);

1.2.0 2. 2 3. 4.0 4. 4

ans :2

```
3 int x=2
```

```
{x=x+2}
```

```
printf("%d",x);
```

some from apti

most of the questions were repeated from previous papers

i am giving only those which r not repeated

1. if x is an integer x^2-x-1 is options ..always odd

2.a number is given and find the missing digits in that no if it is divisible by 75.

3.if a number is increased by 10% then which of the following will not have the value ans:7.5(check it).

4.if $\frac{3}{10}$ of x is y is 10 what is the value of x.(something like that)

5. two questions on diameter of a rectangle is 4 mts and the angle b/w diameter and side is 30 degrees find the area and perimeter.

6.product of two numbers is 900.

the sum of two numbers is 30 greater than the difference of two numbers. ans 60.

7. $a+2b=14$

$5a+4b=16$ what is the average of a and b

ans a:-4 b:9 avg:2.5

8.mean of a data set and the standard deviation of that data set is given.u have to find out 1.5 times S.D that of the given mean

9.anand is ten years older than ram.after 5 years anand is twice than the age of ram. find anand's age after 3 years ans:18

10.find the total no of palindromes between 100 and 1000

11.if $0 < x < 1$ then arrange in ascending order x^2, \sqrt{x}, x

12.if X is the set of prime numbers less than 6 and Y is set of odd numbers less than 6 . if x is from X and y is from Y then the total no of combinations of $x*y$ are .. ans :9

13.ques on probability

a dice is thrown three times what is the probability of NOT getting 6 on the face of the dice.

14.how many four digit numbers can be written if all the four digits are even.

15

SELECTION PROCEDURE:

- 1) Written Test - 100 questions - 100 marks - 1 Hour
- 2) Group Discussion.
- 3) Technical Interview.
- 4) HR Interview.

DETAILS OF THE TEST:

Total candidates written the exam : 1500
Total no.of Batches : 3
Exam duration : 1 Hour.
Total Questions : 100
Total Marks : 100
Each question carries 1 mark.
Written test results were announced within 45 minutes.
GD results were announced within 2 minutes.

TEST PATTERN:

Synonyms - 10 questions.
Find the misspelled words - 5 questions.
Find the correct meaning of the phrases - 5 questions.
Analytical Questions - 30 Questions.
Quantitative Aptitude - 30 Questions.
Match the following - 20 Questions.

- 1) Go through the Old Question papers of HEXAWARE. Mostly 10 - 15 questions asked from Old papers (Quantitative Aptitude).
- 2) Since Match the following is in a group, time taken for selecting the appropriate answer is high. So, Whatever you know in match the following, first write the answers. (Questions from 81 to 100 with A to T on the opposite side in a continuous series.) Match the following is the easiest part, if you know the opposite matches. Otherwise, you need to traverse the entire block once again.
- 3) Then, go for the questions you know very well, since old questions are also featured the exam.
- 4) Don't mug the answers of old papers.

Solve it on your own and check the answers. Then, you can get a good idea of attending other questions in the exam.

5) Easily you can answer 40 - 50 questions within 30 minutes.

GD Topics:

- 1) What Should India do to win a gold medal in the Olympics?
- 2) Will India need a Dictatorship / Democratic rule now?

Overview of GD:

My GD topic is "What Should India do to win a gold medal in the Olympics?".
My Batch consists of 11 members.
4 to 5 of them are shouting, right from beginning.
They never gave the chance to others.
The persons who are shouted during the GD are asked to present a Stage performance by the GD judges.
At last 3 got selected from the Shouted list.
So, if you enter GD, look-at what others do.
If they shout, then you also start to shout. Otherwise you may not be noticed by others.
I gave 3 to 4 points during the GD and didn't get more chance.

Technical Interview:

My friend attended Technical Interview and she got selected in that and cleared the HR Interview too.
She was asked to write a program for Fibonacci series using pointers in C.
HR Interview will be very formal only.

Herewith I give the match the following questions asked in the exam.
Remaining questions are bit difficult to remember. Please excuse.
If you go through the old papers, it will be easy.

Match:

=====

- 1) Select - Having
- 2) Sun - Solaris
- 3) Unix
- 4) ERP - BAAN
- 5) Linux - Redhat

- 6) HEXADECIMAL - ABCDEF
- 7) Java _ Beans
- 8) g -
- 9) IP - 192.168.77.122
- 10) Repeat - Until
- 11) qwerty -
- 12) Rational -
- 13) UML -
- 14) RDBMS - Codd's rule
- 15) C - Ritchie
- 16) - BSD
- 17) - Penguin
- 18) - 9.81
- 19) Acer - Keyboard
- 20) PC -

The items which exist on both sides are correct, upto my knowledge.
Remaining items I am unable to remember. Sorry, yaar.

Questions asked in the exam:

=====

- 1) Find the remainder when 333666777888999 divided by 3 or 9 or 11 ? (2 Questions like this)
- 2) Which is the biggest perfect square amongst the following?
15129, 12348, 23716, 20736 ans: 23716
- 3) The area of the maximum size of the circle described from the 10 inch square?
- 4) In the series 0, 3, 8, 15, ___ What is the next number? Ans: 24
- 5) $X < 0, Y < 0$ then what is the possibility that the result is always positive?
Ans. $(x + y)^2$
- 6) 3 red and 4 blue balls are in a basket. A member of PPTeam is drawing balls from the basket. What is the probability of getting the 3 red balls simultaneously?
- 7) Let $ax^2 + bx + c = 0$
If the sum of the equal roots is equal to the product of the same roots. Then which of the following hold true
(a) $a + b = 0$
(b) $a = 0$
(c) $c = 0$
(d) $b + c = 0$
- 8) Find the value of $(1.99)^2$ Ans: 3.9601
- 9) There is a room with 6' x 8'. A 1' tile is fixed along the 4 walls in one row. How many 1" tiles require to finish the work. Ans. 24 (Question with different value asked).
- 10) 2 persons can finish a job in 8 days. First person alone can finish the work in 24 days. How many days does the second person take to finish the job? Ans. 12 days
- 11) In a car wheel, two spokes cover 15 degree. Then for the entire car, how many spokes are there?
Ans. 24.

12) What is the angle of degree suspended when two hands of clock showing the time 2.30.

Ans. 105 degrees

13) A person's salary is getting reduced by 20%. What percentage should be added to get back his original salary?

Ans. 25%

14) Two persons start at the same point, walk in opposite directions with 5km/hr and 5.5km/hr respectively. What is the distance separated after 2 and half hrs? Ans: 26.25 (approx)

15) A person starts walking at a speed of 5km/hr through half the distance, rest of the distance he covers with a speed 4km/hr. Total time of travel is 9 hours. What is the maximum distance he can cover? Ans: 40.5km.

16) In a rectangle the length is increased by of the original length . By what proportion should the width be reduced so that the area will be the same? Ans: 33

17) Find the nth number in the series is 1, -3, 5, -7.____ Ans: $(-1)^n(2n-1)$

18) If a square is formed by the diagonal of the square as an edge, what is the ratio between the area? Ans: 2

19) A cubical rectangular bar has the dimensions with the ratio 5 : 4 : 3. Its volume is 7500. What is the surface area of the bar? Ans: 2350

20) In a class total 34 students, 16 are have a brother, 15 are have sisters, 9 students don't have either brothers or sisters. Find the number of students having both brother and sisters.

21) A batsman scored 1 runs in his 18th innings and that makes his average 18. Find his average upto the 17th innings? Ans: 19

22) The ratio of the length : breadth : height of a cuboid is 5 : 4: 3, and the volume is 7500. What will be its surface area ?

23) 3 persons started placement papers with a capital of Rs.3000 . B invest Rs.600 less than A, C invest Rs.300 less than B. Then what is the share amount of B in a profit of Rs.886 ?

Ans: Rs.265.8

24) If 38473ABC (This was not the exact no given) is divisible by 75 what is ABC in the same order.

The questions given above are asked in the exam at chennai on 29-11-2003.

today i had given hexaware tech on-campus test from v.j.t.i mumbai
it was same pattern as the previous paper
the verbal and quant part was repeated.
some from synonyms were

1. hostile.
2. vigour.

- 3.abate
- 4.acrimonous
- 5.bland
6. lighten
- 7.insipid

some from odd man out were

- 1.file edit view insert explore ans: explore
- 2 for switch ...printf
ans:printf
- 3.stack queue tree array....

computer awareness

- 1.SIM fullform
- 2.beta testing
- 3.CMM full form
- 4.OLE object linking and embedding(not sure)
- 5.rs232c
- 6.storage program was invented by....
- 7.GAAP
- 8.risc
- 9.density of mercury
- 10.ph value of water

the coding was same as the previous paper.

- 1 if((2a+b)<100)..... 5 ques were given with different values of a and b.
2. int a=4
sqrt(a);
printf("%d",a);
1.2.0 2. 2 3. 4.0 4. 4
ans :2
- 3 int x=2
{x=x+2}
printf("%d",x);

some from apti

most of the questions were repeated from previous papers
i am giving only those which r not repeated

1. if x is an integer x^2-x-1 is options ..always odd
- 2.a number is given and find the missing digits in that no if it is divisible by 75.
- 3.if a number is increased by 10% then which of the following will not have the value ans:7.5(check it).

4. if $\frac{3}{10}$ of x is y is 10 what is the value of x . (something like that)
5. two questions on diameter of a rectangle is 4 mts and the angle b/w diameter and side is 30 degrees find the area and perimeter.

6. product of two numbers is 900.

the sum of two numbers is 30 greater than the difference of two numbers. ans 60.

7. $a+2b=14$

$5a+4b=16$ what is the average of a and b

ans $a:-4$ $b:9$ avg:2.5

8. mean of a data set and the standard deviation of that data set is given. you have to find out 1.5 times S.D that of the given mean

9. Anand is ten years older than Ram. After 5 years Anand is twice than the age of Ram. Find Anand's age after 3 years ans:18

10. Find the total no of palindromes between 100 and 1000

11. if $0 < x < 1$ then arrange in ascending order x^2, \sqrt{x}, x

12. if X is the set of prime numbers less than 6 and Y is set of odd numbers less than 6. if x is from X and y is from Y then the total no of combinations of $x*y$ are .. ans :9

13. ques on probability

a dice is thrown three times what is the probability of NOT getting 6 on the face of the dice.

14. how many four digit numbers can be written if all the four digits are even.

Hexaware paper

No of Questions : 100

Time : 60 Minutes

No negative markings

After written test, we had GD and after that interview is scheduled on coming tuesday.

We were supposed to choose the topic for the GD. They select 1/5 in written test and 2/5 in GD.

The questions were from a wide spectrum like english, basic mathematics, solving algorithms, general computer awareness etc.

The english part consisted of Synonyms, antonyms, fill in the blanks, finding the mis-

spelt word (there were 5 in each.)

Computer awareness had ques from basic computer knowledge

1,!,2,@,3,#,4,\$,5, what is next in the series

Ans : %.

Which is the oldest computing device still in use

Ans : Abacus.

Wat is WAP?

Ans : Wireless Application Protocol.

Nibble is equal to

Ans: 4 bits

Solving Algos : A simple program was given and the output was asked for different values of inputs.

I dont remember the exact ques. I am just giving a sample, which is similar to the one given there.

S= 0; C = 0

Read A,B

While ((2A+3B) < 100)

{

S = 3A - 2B

c = c + 1

}

Print a,s,c

Following this there were 5 questions. every ques carried 1 mark.

Wat is the output if a = 26 b = 12

wat is the output if a = 24 b = 16 etc..

In Mathematics some ques were simple and others were a bit time consuming.

$|X| + X = 0$ wat is the value of X

a) 1 b) 0 c) 1,0 d) None of these

If 38473ABC(This was not the exact no given) is divisible by 75 what is ABC in the same order

$x + 1/x = 2 x^{100} + 1/x^{100}$

$f(z) = 1/1-x$ find $f(f(1/x))$

The following questions got repeated from the pattern found in www.freshersworld.com

In the series 0, 3, 8, 15,___ What is the next number?

Ans : 24

$X < 0, Y > 0$ then which of the following is always positive?

Ans. $(x + y)^2$

Let $ax^2 + bx + c = 0$

If the sum of the equal roots is equal to the product of the same roots. Then which of the following hold true

Ans. $b+c = 0$

Find the value of $(1.99)^2$

Ans. 3.9601

There is a room with 6' x 8'. A 1' tile is fixed along the 4 walls in one row. How many 1" tiles require to finish the work.

Ans. 24

2 persons can finish a job in 8 days. First person alone can finish the work in 24 days.

How many days

does the second person take to finish the job?

Ans. 12 days

In a car wheel, two spokes cover 15 degree. Then for the entire car, how many spokes are there?

Ans. 48.

What is the angle of degree suspended when two hands of clock showing the time 2.30.

Ans. 105 degrees

A person's salary is getting reduced by 20%. What percentage should be added to get back his

original salary?

Ans. 25%

Two persons start at the same point, walk in opposite directions with 5km/hr and 5.5km/hr respectively.

What is the distance separated after 2 and half hrs?

Ans. 26.25

A person starts walking at a speed of 5km/hr through half the distance, rest of the distance he covers with a

speed 4km/hr. Total time of travel is 9 hours. What is the maximum distance he can cover?

Ans. 40km.

In a rectangle the length is increased by of the original length . By what proportion should the width be reduced so that the area will be the same?

Ans. 33

Find the nth number in the series is 1, -3, 5, -7.____

Ans. $(-1)^{(n-1)}*(2n-1)$

If a square is formed by the diagonal of the square as an edge, what is the ratio between the area?

Ans. 2

The perimeter of a rhombus is 52 units. One of its diagonal is 24 units.What is its second diagonals length?

Ans. 10

A cubical rectangular bar has the dimensions with the ratio 5 : 4 : 3. Its volume is 7500. What is the surface area of the bar?

Ans. 2350

3 persons started placementpapers with a capital of Rs.3000 . B invest Rs.600 less than A, C invest Rs.300 less than B. Then what is the share amount of B in a profit of Rs.886 ?

Ans: Rs. 265.8

Wat I felt with this test was it was better to go thro all the 100 ques, cos some easy ones were there at the last. If U think U can certainly solve a problem but its time consuming just leave it and proceed to the next one. Some of the ques were very easy, even U no need to use pen and paper.

Verbal

Find the Wrongly Spelt word

Synonym

Antonym

Fill in the blanks

Aptitude (purely mathematical)

- Better have a look at the previous 1998 qn paper, from that we got many questions.

- strong analytical geometric and mensurational skills needed.

Computer Awareness

- Simply like find odd man out and 10 qns regarding 2 pseudocodes given

Time Constraint was the big thing, u cannot complete the paper if u solve all the qns, its not needed also, they're just seeing the relative mark, in our college from 150 , 29 were shortlisted for GD and from it 12 were shortlisted for Interview, i missed out in GD.

Topics were War on Iraq, Leaders Born or Made

Try to assess ur group in GD, if u think its of to be an debating group, pls don't follow GD rules, and create ur oppurtunities for speaking as raising ur tone, intervening the conversation going on, 'its pretty sure that u'll be going off the GD rules, but it was the case in our group", i followed GD rules and i missed it out.

HEXAWARE - Inside Out

Questions you want to ask but dont know to whom

1. Whats the noise?

They want to add 500 more in its payroll by christmas
I dont know how much % is freshers

2. How much they can fill your purse?

7500 for first 6 months
10,000 for next 6 months
20,000 thereafter

Indian rupees! No dollar dreams ;-)

3. Any strings?

You have to sign a bond for 1 year and you become James Bond

4. If I break?

Your dad pays 1.5 lacs to them.

5. Where they put you?

Chennai, Bangalore, Mumbai

- should be ready pack your bags in a jiffy (and many times too)

6. What if I get out in GD or test

Pray those in interview should refuse to sign the bond

Offer goes down the line in each campus

7. Any perks

One free Cadburys perk on joining

Dont like it take Halwa!!!!

8. To how much people they would offer in my college

Works out to 5-15% of test takers.

So Start 1..2..3.....

WARNING

All the questions appeared in STMA(Short Term Memory Area) of my brain.

While all efforts are taken it cant be held accurate or authentic. Some questions IN LATEST PAPER have appeared in 98 Paper also. Hexaware doesnt have any connection with me.

I cant be held legally responsible in connection with this text file .

DONT EVER SEND ME YOUR RESUME.....YOU HEAR IT

=====

NOTE

1. All questions dont appear Section wise in the test
 2. x^2 means square of x
- Hexaware Testv1.0 ----- June 2004

LANGUAGE SKILLS - 15questions

SYNONYMS,ANTONYMS & INCORRECT SPELLINGS

some words

1. acrimonous
 2. inconspicuous
 3. bland
 4. abate
 5. cusp
 6. profligate
 7. vigour
 8. lighten
- (check the spellings in dictionary)

APTITUDE SECTION - 85questions

odd man out-like man in

1. A E I O
ans o - (rest are made of lines now tell me are a big zero)
2. (fig) circle star rectangle <another symbol>
ans star - rest are flowchart symbols
3. programs documents settings properties
ans properties (others appear in START menu - he! my favourite question)
4. processor ,motherboard ,display card, mouse

ans mouse - (others are inside the cabinet -- need out of the box thinking)

computer UNawareness

5. where is SIM card found

ans mobile phone (by the way can you expand SIM)

6. what is the lock symbol appearing in bootom of the browser mean

ans. connection secured (confusing another choice is Verisign secured - you will see tick mark when it is Verisign authorised)

7. expand WAP

ans Wireless Application Protocol

8. expand CORBA

ans Common Object Request Broker Architerture

9. 92.168.100.4 - means what

ans IP Address

crack choice a)sums choice b)your head

10. Find the remainder when 333666777888999 divided by 3 or 9 or 11 ?

11. Which is the biggest perfect square amongst the following :
15129, 12348, 23716, 20736

12. In the series 0, 3, 8, 15,___ What is the next number?

13. $X < 0$, $Y < 0$ then what is the possibility that the result is always positive?

Ans. $(xy)^2$

14. Let $ax^2 + bx + c = 0$

If the sum of the equal roots is equal to the product of the same roots. Then which of the following hold true

(a) $a + b = 0$

(b) $a = 0$

(c) $c = 0$

(d) $a + c = 0$

15. Find the value of $(1.99)^2$

Ans. 3.9601(dont calc - should be near to 4)

16. There is a room with 6' x 8'. A 1' tile is fixed along the 4 walls in one row. How many 1" tiles require to finish the work.

Ans. 24

17. 2 persons can finish a job in 8 days. First person alone can finish the work in 24 days. How many days does the second person take to finish the job?

Ans. 12 days

18. In a car wheel, two spokes cover 15 degree. Then for the entire car, how many spokes are there?

Ans. 24.

19. What is the angle of degree suspended when two hands of clock showing the time 2.30.

Ans. 105 degrees

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Ans. 25%

21. Two persons start at the same point, walk in opposite directions with 5km/hr and 5.5km/hr respectively.

What is the distance separated after 2 and half hrs?

Ans. 26.25 (approx)

22. A person starts walking at a speed of 5km/hr through half the distance, rest of the distance he covers with a speed 4km/hr. Total time of travel is 9 hours. What is the maximum distance he can cover?

Ans. 40km.

23. In a rectangle the length is increased by of the original length . By what proportion should the width be reduced so that the area will be the same?

Ans. 33

24. Find the nth number in the series is 1, -3, 5, -7.____

Ans. $(-1)^{(2n-1)}$

25. If a square is formed by the diagonal of the square as an edge, what is the ratio between the area?

Ans. 2

26. The perimeter of a rhombus is 52 units. One of its diagonal is 24 units. What is its second diagonal's length?

Ans. 10

27. A cubical rectangular bar has the dimensions with the ratio 5 : 4 : 3. Its volume is 7500. What is the surface area of the bar?

Ans. 2350

28. A person's salary is decreased by steps of 20%, 15% and 10%. What will be the percentage decrease, if the salary is decreased in a single shot?

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30. $178^2 - 22^2$
(USE $(A+B)(A-B)$)

31. $f(x) = x!$ $g(x) = x^{10}$ $h(x) = 10^x$ for large values of x which is greater?

32. $f(x) = 1/(1-x)$ find $(f(f(f(x))))$

33. $x + (1/x) = 2.5$ find $x^2 + (1/x^2)$

34. $2^{(2^n)} = 256$ find $2^{(2n)}$

35. $x=0$ $y=0$ $6x+7y=42$ find position (lies inside/out/on) of (4,5) in the triangle

36. 22 Jun 2003 is Sunday which year previously did 22 Jun become Sunday

37. A man walked 30m west 5m south 10m west 35m north to reach

tollgate find the dist from start to gate.
ans. 50m (use pythagoras)

38. area of square = sum of areas of rect1(41*27) and rect2(41*14).
find square side.
ans. 41

39. find next in series 31,29,31,30,31,?
ans. 30 he!he!he!(they rep jan,feb,mar,.... hit your head)

Walk/Swim thro Coding

```
40. Input a,b
s=0;
c=a;
d=b;
while(d<>0)
{
s=s+c;
d=d-1;
}
Print s
```

for given values of a,b find the output
5questions for different values of a,b

```
41. Input a,b
while(3a+2b<100)
{
s=s+a;
a=a+2;
b=b-1;
}
```

for given values of a,b (i remember one 29,5) find the output

Tips

1. Do the coding first and you are out - They are time consuming - Save the worst for last

2. Be choosy - take the easy (questions) first - So scan scan scan

3. best path in hexaware tree

language ---->

odd man out ---->

computer awareness ---->
easy sums ---->
difficult sums---->
coding

do this or find the path to your home.

- 4.SPEED kills but also wins. Put your brain in 5th gear
- 5.Blind goose guess - mark a or e - they are more probable
6. Write your q paper code proper or your are a man overboard
7. There is minimum no of q to be attempted(so they didnt say explicitly) and no negative marking. So be generous!waste your ink! cross off for all questions
8. They will ask u in the pep talk in GD waht is the first or last question or your code. So watch out all those DANGER-PAST-QUESTIONS-FORGOT type fellows

Group Discussion

1. No GD only shout!!! - Our LOk Sabha Style
2. Shout at top of your voice and shout some meaningful points
3. Please train ur vocal chords! Drink our good pure(pun intended) water before GD
4. IF u cant then carry a loudspeaker
5. 10 per group max 3 groups
6. final interview they select 3 from each group
7. Dont think 1-proposer 1-opposer 1-moderator it could 3-proposer or 3 opposer too.
8. If your group is silent Please follow GD rules.
9. 30 minutes of shouting(3min-choose the topic, 2min-prepare,20min-shout)
10. They might also give you a topic.
11. Please dont wait for your chance - Grab it
12. Be ready to summarise. Try to say all the points told and say conclusion is yet to be reached.
13. 2 or 3 choosen people will summarise.
14. Dont ever make unruly gestures. You are out immediately.
15. Be ready for any topic.Only general topic - no subject,economics style

WHAT I EXPECT

1. If you like my effort post ur thanx in the group Encouragement energises me.

2. Update this questions and post it as Haxaware testv2.0

It would be easy for others to find the latest one

SAMPLE PAPER – II

COMPUTER AWARENESS SECTION

1) Find the remainder when 333666777888999 divided by 3 or 9 or 11 ? (2 Questions like this)

2) Which is the biggest perfect square amongst the following?
15129, 12348, 23716, 20736 Ans: 23716

3) The area of the maximum size of the circle described from the 10 inch square?

4) In the series 0, 3, 8, 15, ___ What is the next number? Ans: 24

5) $X < 0$, $Y < 0$ then what is the possibility that the result is always positive?
Ans. $(x + y)^2$

6) 3 red and 4 blue balls are in a basket. A member of PPTeam is drawing balls from the basket. What is the probability of getting the 3 red balls simultaneously?

7) Let $ax^2 + bx + c = 0$

If the sum of the equal roots is equal to the product of the same roots. Then which of the following hold true

- (a) $a + b = 0$
- (b) $a = 0$
- (c) $c = 0$
- (d) $b + c = 0$

8) Find the value of $(1.99)^2$ Ans: 3.9601

9) There is a room with 6' x 8'. A 1' tile is fixed along the 4 walls in one row. How many 1" tiles require to finish the work. Ans. 24 (Question with different value asked).

10) 2 persons can finish a job in 8 days. First person alone can finish the work in 24 days. How many days does the second person take to finish the job? Ans. 12 days

11) In a car wheel, two spokes cover 15 degree. Then for the entire car, how many spokes are there?
Ans. 24.

12) What is the angle of degree suspended when two hands of clock showing the time 2.30.

Ans. 105 degrees

13) A person's salary is getting reduced by 20%. What percentage should be added to get back his original salary?

Ans. 25%

14) Two persons start at the same point, walk in opposite directions with 5km/hr and 5.5km/hr respectively. What is the distance separated after 2 and half hrs? Ans: 26.25 (approx)

15) A person starts walking at a speed of 5km/hr through half the distance, rest of the distance he covers with a speed 4km/hr. Total time of travel is 9 hours. What is the maximum distance he can cover? Ans: 40.5km.

16) In a rectangle the length is increased by of the original length . By what proportion should the width be reduced so that the area will be the same? Ans: 33

17) Find the nth number in the series is 1, -3, 5, -7.____ Ans: $(-1)^n(2n-1)$

18) If a square is formed by the diagonal of the square as an edge, what is the ratio between the area? Ans: 2

19) A cubical rectangular bar has the dimensions with the ratio 5 : 4 : 3. Its volume is 7500. What is the surface area of the bar? Ans: 2350

20) In a class total 34 students, 16 are have a brother, 15 are have sisters, 9 students don't have either brothers or sisters. Find the number of students having both brother and sisters.

21) A batsman scored 1 runs in his 18th innings and that makes his average 18. Find his average upto the 17th innings? Ans: 19

22) The ratio of the length : breadth : height of a cuboid is 5 : 4: 3, and the volume is 7500. What will be its surface area ?

23) 3 persons started placementpapers with a capital of Rs.3000 . B invest Rs.600 less than A, C invest Rs.300 less than B. Then what is the share amount of B in a profit of Rs.886 ?

Ans: Rs.265.8

24) If 38473ABC(This was not the exact no given) is divisible by 75 what is ABC in the same order.

25) Which is the biggest perfect square amongst the following :
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26) In the series 0, 3, 8, 15,___ What is the next number?

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Ans. $(xy)^2$

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If the sum of the equal roots is equal to the product of the same roots. Then which of the following hold true

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(b) $a = 0$

(c) $c = 0$

(d) $a + c = 0$

29) Find the value of $(1.99)^2$

Ans. 3.9601 (dont calc - should be near to 4)

30) There is a room with 6' x 8'. A 1' tile is fixed along the 4 walls in one row. How many 1" tiles require to finish the work.

Ans. 24

31) 2 persons can finish a job in 8 days. First person alone can finish the work in 24 days. How many days does the second person take to finish the job?

Ans. 12 days

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48). $2^{(2^n)} = 256$ find $2^{(2n)}$

49). $x=0$ $y=0$ $6x+7y=42$ find position (lies inside/out/on) of (4,5) in the triangle

50). 22 march 2004 is sunday which year previously did 22 jun became sunday

51). A man walked 30m west 5m south 10m west 35m north to reach tollgate find the dist from start to gate.

Ans. 50m (use pythagoras)

52). area of square = sum of areas of rect1(41*27) and rect2(41*14). find square side.

Ans. 41

53). find next in series 31,29,31,30,31,?

Ans. 30 he!he!he!(they rep jan,feb,mar,.... hit your head)

Walk/Swim thro Coding

54). Input a,b

```
s=0;
```

```
c=a;
```

```
d=b;
```

```
while(d<>0)
```

```
{
```

```
s=s+c;
```

```
d=d-1;
```

```
}
```

```
Print s
```

for given values of a,b find the output

5 questions for different values of a,b

Hexaware Exam conducted on 26th June 2003.

The selection process consisted of 3 rounds,

1. Written test

The pattern is total 100 questions 1 hour time

- 1) check out the old 98 hexaware paper few qs are from that.
- 2) few qs on tracing the output(simple ons).
- 3)basic question on computer awarness(very simple ones like expand WAP, etc very simple ones.
- 4)choose the odd man out type of questions
ex A E I O choose the odd man.
- 5)simple math qs like $199^2 - 24^2$ etc.
- 6) opposites and synonyms

** manage your time properly..

2. GD.

3. Technical/ HR Interview.

HEXAWARE : 29 July 2004
SELECTION PROCEDURE:

- 1) Written Test - 100 questions - 100 marks - 1 Hour
- 2) Group Discussion.
- 3) Technical Interview.
- 4) HR Interview.

1) Go through the Old Question papers of HEXAWARE. Mostly 10 - 15 questions asked from Old papers (Quantitative Aptitude).

2) Since Match the following is in a group, time taken for selecting the appropriate answer is high. So, Whatever you know in match the following, first write the answers. (Questions from 81 to 100 with A to T on the opposite side in a continuous series.) Match the following is the easiest part, if you know the opposite matches. Otherwise, you need to traverse the entire block once again.

3) Then, go for the questions you know very well, since old questions are also featured the exam.

4) Don't mug the answers of old papers.

Solve it on your own and check the answers. Then, you can get a good idea of attending other questions in the exam.

5) Easily you can answer 40 - 50 questions within 30 minutes.

GD Topics:

- 1) What Should India do to win a gold medal in the Olympics?
- 2) Will India need a Dictatorship / Democratic rule now?

Overview of GD:

My GD topic is "What Should India do to win a gold medal in the Olympics?".

My Batch consists of 11 members.

4 to 5 of them are shouting, right from beginning.

They never gave the chance to others.

The persons who are shouted during the GD are asked to present a Stage performance by the GD judges.

At last 3 got selected from the Shouted list.

So, if you enter GD, look-at what others do.

If they shout, then you also start to shout. Otherwise you may not be noticed by others.

I gave 3 to 4 points during the GD and didn't get more chance.

Technical Interview:

My friend attended Technical Interview and she got selected in that and cleared the HR Interview too.

She was asked to write a program for Fibonacci series using pointers in C.

HR Interview will be very formal only.

Herewith I give the match the following questions asked in the exam.

Remaining questions are bit difficult to remember. Please excuse.

If you go through the old papers, it will be easy.

Match:

=====

- 1) Select - Having
- 2) Sun - Solaris
- 3) Unix
- 4) ERP - BAAN
- 5) Linux - Redhat
- 6) HEXADECIMAL - ABCDEF
- 7) Java _ Beans
- 8) g -

- 9) IP - 192.168.77.122
- 10) Repeat - Until
- 11) qwerty -
- 12) Rational -
- 13) UML -
- 14) RDBMS - Codd's rule
- 15) C - Ritchie
- 16) - BSD
- 17) - Penguin
- 18) - 9.81
- 19) Acer - Keyboard
- 20) PC -

The items which exist on both sides are correct, upto my knowledge.
Remaining items I am unable to remember. Sorry, yaar.

Questions asked in the exam:

=====

- 1) Find the remainder when 333666777888999 divided by 3 or 9 or 11 ? (2 Questions like this)
- 2) Which is the biggest perfect square amongst the following?
15129, 12348, 23716, 20736 ans: 23716
- 3) The area of the maximum size of the circle described from the 10 inch square?
- 4) In the series 0, 3, 8, 15, __ What is the next number? Ans: 24
- 5) $X < 0$, $Y > 0$ then what is the possibility that the result is always positive?
Ans. $(x + y)^2$
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- 9) There is a room with 6' x 8'. A 1' tile is fixed along the 4 walls in one row. How many 1" tiles require to finish the work. Ans. 24 (Question with different value asked).
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Ans: Rs.265.8

24) If 38473ABC(This was not the exact no given) is divisible by 75 what is ABC in the same order.

Hexaware Placement Paper

Directions for questions 1-10: Expand the following terms:-

1. ODBC

Ans: Open Database Connectivity.

2. HTML

Ans: Hyper Text Markup Language.

3. RISC

Ans: Reduced Instruction Set Computing.

4. ASCII

Ans: American Standard Code For Information Interchange.

5. ANSI

Ans: American National Standard Institute.

6. XML

Ans: Extended Markup Language.

7. FLOPS

Ans: Floating Point Operating Per Second.

8. SQL

Ans: Sequential Query Language.

9. QBE

Ans: Query By Example.

10. ALE

Ans: Address Latch Enable.

11. What is lagging in DBMS?

Ans: Reduced Redundancy.

Directions 12 to 20: For the following questions find the odd man out.

12. Unix

OS/2

CMOS

MSDOS

Ans: CMOS.

13. Oracle
Informix
Sybase
LISP

Ans: LISP

14. Laser
Inkjet
Dotmatirx
Mouse

Ans: Mouse

15. Dir
Cls
Csh
Copy

Ans: Csh

16. Bit
Byte
Nibble
Digit

Ans: Digit

17. Hard Disk
Floppy Drive
CD ROM
Cache

Ans: Cache

18. SQL
QUEL
QBE
ORACLE

Ans: Oracle

19. C++
JAVA
VC++
PASCAL

Ans: PASCAL

20. Projection Operation
Selection Operation
Intersection
Set Difference Operation

Ans: Intersection

21. Which of the following is a universal gate?

- (a) OR
- (b) AND
- (c) XOR
- (d) NOR

Ans: NOR

22. The default back end of the VB is

- (a) Oracle
- (b) Sybase
- (c) Informics

Ans: Sybase

23. What is meant by Superconductivity?

Ans: No resistance

24. Viscosity

Ans: Friction

25. What is the Lock Based Protocol used for?

Ans: Concurrency Control in DBMS.

Directions for question 25 to 32: Convert the decimal numbers on the left to the required form.

25. 9's complement of 28

Ans:71

26. Binary of 58

Ans: 111010.

27. Octal of 359

Ans: 547

28. Hexadecimal of 650

Ans: 28A

29. BCD of 18

Ans: 0001 1000

30. BCD of 34.8

Ans: 0011 0100.1000

31. Excess-3 code of 6

Ans: 1001

32. Excess-3 code of 9

Ans: 1100

33. If $Ax + By = 1F_{16}$;
 $Cx + Dy = 25_{10}$.

Find the value of x and y?

34. Semaphore is used for

- (a) Synchronization
- (b) Dead-lock avoidance
- (c) box
- (d) none

Ans: A

35. For addressing 1 MB memory, the number of address lines required,

- (a) 11
- (b) 16
- (c) 22
- (d) 24

Ans: B

36. Which of the following remains in memory temporarily

- (a) Resident portion of COMMAND.COM
- (b) Transient portion of COMMAND.COM
- (c) API
- (d) Disk BIOS

Ans: B

37. Pick the odd man out

- (a) IO.SYS
- (b) MSDOS.SYS
- (c) ROM-BIOS
- (d) COMMAND.COM

Ans: c

38. OS/2 is a

- (a) Single User OS
- (b) Multi User OS
- (c) Multi Tasking OS
- (d) None of these

Ans: C

39. Bootstrap loader program is a program belonging to

- (a) ROM startup software
- (b) ROM extension software

- (c) ROM BIOS software
- (d) ROM Basic software

Ans: A

40. The entry of starting cluster of a file is present in

- (a) Boot Parameters
- (b) Directory
- (c) FAT
- (d) Partition Table and master boot program

Ans: C

Aptitude Section

Directions for questions 1-6: Find the correct meaning of the following phrases:-

1. A man of letters
2. A man of straw
3. To be in the air
4. To bite the dust
5. Man of few words
6. Penny wise pound foolish.
7. Find the remainder when 333666777888999 is divided by 3 or 9 or 11 ?
8. Which is the biggest perfect square amongst the following:-
15129, 12348, 23716, 20736
9. The greatest area of the following
 - (a) The radius of circle is 4
 - (b) The square of diagonal is 4
 - (c) The square of side is 4
10. The area of the maximum size of the circle described from the 10 square inch square?
11. In the series 0, 3, 8, 15, __, What is the next number?

12. $X < 0, Y < 0$

then what is the possibility that the result is always positive?

Ans: xy

13. 3 red and 4 blue balls are in a basket. A member of PPTeam is drawing balls from the basket. What is the probability of getting the 3 red balls simultaneously?

14. Let $ax^2 + bx + c = 0$

If the sum of the equal roots is equal to the product of the same roots. Then which of the following hold true?

- (a) $a + b = 0$
- (b) $a = 0$
- (c) $c = 0$
- (d) $a + c = 0$

15. A fold density is 19 times greater than the water and for copper it is 9 times. At what ratio you can mix gold and copper to get 15 times denser than water.

Ans: 3 : 2

16. Find the value of $(1.99)^2$

Ans: 3.9601

17. There is a room with 6' x 8'. A 1' tile is fixed along the 4 walls in one row. How many 1" tiles require to finish the work.

Ans: 24

18. 2 persons can finish a job in 8 days. First person alone can finish the work in 24 days. How many days

does the second person take to finish the job?

Ans: 12 days 19. A 4" cube is painted in all its faces and then it is cut down into 1" blocks. How many 1" blocks are there even without a single face being painted?

Ans: 8

20. A cylinder is inserted in a sphere $d/h = 2/3$. Find the surface area of the cylinder?

21. In a car wheel, two spokes cover 15 degree. Then for the entire car, how many spokes are there?

Ans: 24

22. What is the angle of degree suspended when two hands of clock showing the time 2:30?

Ans: 105 degrees

23. The age difference between two brothers is 3 years. After 6 years the ratio between the age is 9:8. What are their ages?

Ans: 21 and 18

24. A person's salary is getting reduced by 20%. What percentage should be added to get back his original salary?

Ans: 25%

25. Two persons start at the same point, walk in opposite directions with 5 km/hr and 5.5 km/hr respectively. What is the distance separated after 2 and half hrs?

Ans: 26.25 (approx)

26. A person starts walking at a speed of 5 km/hr through half the distance, rest of the distance he covers with a speed 4km/hr. Total time of travel is 9 hours. What is the maximum distance he can cover?

Ans: 40km

27. Initially two cups of same volume are present with milk filled upto $\frac{3}{5}$ th and $\frac{4}{5}$ th of their volumes. Water is then filled. Then two mixtures are mixed. Find the ratio of water to milk in the mixture.

Ans: 3 : 7

28. 16 grams of radioactive material decays into 8 grams in 10 years. How long will it take to decay to 1 gram?

Ans: 70 yrs

29. In a rectangle the length is increased by of the original length. By what proportion should the width be reduced so that the area will be the same?

Ans: 33

30. Find the nth number in the series is 1, -3, 5, -7. ____

Ans: $(-1)^n(2n-1)$

31. If a square is formed by the diagonal of the square as an edge, what is the ratio between the area?

Ans: 2

32. The perimeter of a rhombus is 52 units. One of its diagonal is 24 units. What is its second diagonal's length?

Ans: 10

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Ans: 2350

34. In a class total 34 students, 16 have a brother, 15 have sisters, 9 students don't have either brothers or sisters. Find the number of students having both brother and sisters.

Ans: 6

35. A batsman scored 18 runs in his 18th innings and that makes his average 18. Find his average upto the 17th innings?

Ans: 19

36. 6 women can do 75 units of work in 8 days by working 5 hrs/day. In how many days can 4 women do 30 units of work by working 8 hrs/day?

37. A person's salary is decreased by steps of 20%, 15% and 10%. What will be the percentage decrease, if the salary is decreased in a single shot?

38. The ratio of the length : breadth : height of a cuboid is 5 : 4 : 3, and the volume is 7500. What will be its surface area?

39. If the circumference of a circle is 100 units, Then what will the length of the arc described by an angle of 20 degree?

40. 3 Persons started placement papers with a capital of Rs.3000. B invest Rs.600 less than A, C invest Rs.300 less than B. Then what is the share amount of B in a profit of Rs.886?

Directions for 41-50: Which of the following is the correct spelling for the word.

41. Supercede and Supersede
42. Recommend and Reccomend
43. Superitendent and Superitendant
44. Separate and Seperate
45. Succeed and Suceed
46. Coolly and Cooly
47. Despair and Dispair
48. Ridiculous and Rediculous
49. Indespensible and Indepensable
50. Tranquility or Tranquillity

C Test

Directions: For the given sample program give the output of the program.

30 Marks

```
main()
{
int a[]={ 2,4,6,8,10 };
int i;
change(a,5);
for( i = 0; i <= 4; i++)
printf("\n %d",a[i]);
}
change( int *b, int n){
int i;
for( i = 0; i < n; i++)
*(b+i) = *(b+i) + 5;
```

Hexaware - Sample Placement Question Papers

- 1) Find the remainder when 333666777888999 divided by 3 or 9 or 11 ? (2 Questions like this)
- 2) Which is the biggest perfect square amongst the following?

15129, 12348, 23716, 20736 ans:23716

3)The area of the maximum size of the circle described from the 10 inch square?

4) In the series 0, 3, 8, 15,___ What is the next number? Ans:24

5) $X < 0$, $Y > 0$ then what is the possibility that the result is always positive?

Ans. $(x + y)^2$

6) 3 red and 4 blue balls are in a basket. A member of PPTeam is drawing balls from the basket. What is the probability of getting the 3 red balls simultaneously?

7) Let $ax^2 + bx + c = 0$

If the sum of the equal roots is equal to the product of the same roots. Then which of the following hold true

(a) $a + b = 0$

(b) $a = 0$

(c) $c = 0$

(d) $b + c = 0$

8) Find the value of $(1.99)^2$ Ans:3.9601

9)There is a room with 6' x 8'. A 1' tile is fixed along the 4 walls in one row. How many 1" tiles require to finish the work. Ans. 24 (Question with different value asked).

10)2 persons can finish a job in 8 days. First person alone can finish the work in 24 days. How many days does the second person take to finish the job? Ans. 12 days

11)In a car wheel, two spokes cover 15 degree. Then for the entire car,how many spokes are there?

Ans. 24.

12)What is the angle of degree suspended when two hands of clock showing the time 2.30.

Ans. 105 degrees

13)A person's salary is getting reduced by 20%. What percentage should be added to get back his original salary?

Ans. 25%

14)Two persons start at the same point, walk in opposite directions with 5km/hr and 5.5km/hr respectively. What is the distance separated after 2 and half hrs? Ans:26.25 (approx)

15)A person starts walking at a speed of 5km/hr through half the distance, rest of the distance he covers with a speed 4km/hr. Total time of travel is 9 hours. What is the

maximum distance he can cover? Ans: 40.5km.

16) In a rectangle the length is increased by of the original length . By what proportion should the width be reduced so that the area will be the same? Ans: 33

17) Find the nth number in the series is 1, -3, 5, -7.____ Ans: $(-1)^n(2n-1)$

18) If a square is formed by the diagonal of the square as an edge, what is the ratio between the area? Ans: 2

19) A cubical rectangular bar has the dimensions with the ratio 5 : 4 : 3. Its volume is 7500. What is the surface area of the bar? Ans: 2350

20) In a class total 34 students, 16 are have a brother, 15 are have sisters, 9 students don't have either brothers or sisters. Find the number of students having both brother and sisters.

21) A batsman scored 1 runs in his 18th innings and that makes his average 18. Find his average upto the 17th innings? Ans: 19

22) The ratio of the length : breadth : height of a cuboid is 5 : 4: 3, and the volume is 7500. What will be its surface area ?

23) 3 persons started placementpapers with a capital of Rs.3000 . B invest Rs.600 less than A, C invest Rs.300 less than B. Then what is the share amount of B in a profit of Rs.886 ?

Ans: Rs.265.8

24) If 38473ABC(This was not the exact no given) is divisible by 75 what is ABC in the same order.

25) Which is the biggest perfect square amongst the following :
15129, 12348, 23716, 20736

26) In the series 0, 3, 8, 15,___ What is the next number?

27) $X < 0$, $Y > 0$ then what is the possibility that the result is always positive?

Ans. $(xy)^2$

28) Let $ax^2 + bx + c = 0$

If the sum of the equal roots is equal to the product of the same roots. Then which of the following hold true

(a) $a + b = 0$

(b) $a = 0$

(c) $c = 0$

(d) $a + c = 0$

29) Find the value of $(1.99)^2$

Ans. 3.9601(dont calc - should be near to 4)

30) There is a room with 6' x 8'. A 1' tile is fixed along the 4 walls in one row. How many 1" tiles require to finish the work.

Ans. 24

31) 2 persons can finish a job in 8 days. First person alone can finish the work in 24 days. How many days does the second person take to finish the job?

Ans. 12 days

32) In a car wheel, two spokes cover 15 degree. Then for the entire car,how many spokes are there?

Ans. 24.

33) What is the angle of degree suspended when two hands of clock showing the time 2.30.

Ans. 105 degrees

34) A person's salary is getting reduced by 20%. What percentage should be added to get back his original salary?

Ans. 25%

35). Two persons start at the same point, walk in opposite directions with 5km/hr and 5.5km/hr respectively.

What is the distance separated after 2 and half hrs?

Ans. 26.25 (approx)

36). A person starts walking at a speed of 5km/hr through half the distance, rest of the distance he covers with a speed 4km/hr. Total time of travel is 9 hours. What is the maximum distance he can cover?

Ans. 40km.

37). In a rectangle the length is increased by of the original length . By what proportion should the width be reduced so that the area will be the same?

Ans. 33

38). Find the nth number in the series is 1, -3, 5, -7.____

Ans. $(-1)^n(2n-1)$

39). If a square is formed by the diagonal of the square as an edge, what is the ratio between the area?

Ans. 2

40). The perimeter of a rhombus is 52 units. One of its diagonal is 24 units. What is its second diagonal's length?

Ans. 10

41). A cubical rectangular bar has the dimensions with the ratio 5 : 4 : 3. Its volume is 7500. What is the surface area of the bar?

Ans. 2350

42). A person's salary is decreased by steps of 20%, 15% and 10%. What will be the percentage decrease, if the salary is decreased in a single shot?

43). 3 persons started placement papers with a capital of Rs.3000. B invest Rs.600 less than A, C invest Rs.300 less than B. Then what is the share amount of B in a profit of Rs.886 ?

44). $178^2 - 22^2$
(USE $(A+B)(A-B)$)

45). $f(x) = x!$ $g(x) = x^{10}$ $h(x) = 10^x$ for large values of x which is greater?

46). $f(x) = 1/(1-x)$ find $(f(f(f(x))))$

47). $x + (1/x) = 2.5$ find $x^2 + (1/x^2)$

48). $2^{(2^n)} = 256$ find $2^{(2n)}$

49). $x=0$ $y=0$ $6x+7y=42$ find position (lies inside/out/on) of (4,5) in the triangle

50). 22 March 2004 is Sunday which year previously did 22 June become Sunday

51). A man walked 30m west 5m south 10m west 35m north to reach tollgate find the distance from start to gate.

ans. 50m (use Pythagoras)

52). Area of square = sum of areas of rect1(41*27) and rect2(41*14). find square side.

ans. 41

53). find next in series 31,29,31,30,31,?

ans. 30 he!he!he!(they rep Jan, Feb, Mar,.... hit your head)

Walk/Swim thro Coding

54). Input a,b

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www.123eng.com Engineering the Engineers

```
s=0;
c=a;
d=b;
while(d>0)
{
s=s+c;
d=d-1;
}
Print s
```

for given values of a,b find the output 5 questions for different values of a,b