



CampBUZZ

AUGUST, 2012

Phone : +91-565-3080112
Website : www.hardayal.in
E-mail : director1@hardayal.in

A Monthly of **HARDAYAL TECHNICAL CAMPUS**
24 Km Stone, Delhi - Agra Highway (NH - 2), Opp. Raipuraj Police Chowki, Farah, Mathura - 281122

Message from the Director's Desk...

Dear Readers!

At the onset of Session 2012-13, I specifically compliment those who have decided to join afresh in a course of our campus, thereby, expressed their confidence in us. We assure them of desired dividends by due application of academic strategies carved out by our senior faculty members, IITians, PhDs, having varied & extended exposure of academia, Industry & research including international exposure.

Every student joining the campus will have different type of perception about the course & fluctuating level of aspiration there from. Some will have strong passion to transform themselves by pursuance of this course, others will be party in satisfaction of their parents, yet others will be following the suit of their community, etc. Come what may, under all the circumstances, one has to prove effective, efficient & economical to face the environment squarely. Thus, one has to display & demonstrate Covey's 7 habits of great people, as under :-

- Be proactive – take responsibility.
- Begin with the end in mind.
- Put first things first.
- Think win – win : mutual benefits in all interaction.
- Seek first to understand, then to be understood.
- Synergize – seek creative cooperation.
- Sharpen the saw.

The campus will witness mix of both freshers & seniors, curious to be introduced. We recommend one to go slow on this aspect as formal interaction between two has been scheduled in the academic activity. By no chance ill induction of new comers be conducted resulting into unsocial feature, commonly referred to as **ragging**, which is not only an offence but a sin too which should be refrained from. I recommend that where juniors should not allow themselves to be ragged, the seniors should not attempt undertake ragging. Significant features of this menace are enumerated below:-

- Hatred is created in the mind of the person ragged.
- Respect of the senior is lost forever.
- Efforts put in results in drain of positive energy at both the ends.
- There is no limit to the extent of damage as end outcome is function of action / reaction at the spur of the moment.
- Usually culminates into groupies run after blood of each other.
- Hon'ble Supreme Court's direction is prima facie harsh & hard on accused, treated as hardened criminal; processing complaint with FIR, arrest, lock up & beyond.
- Benefit of doubt, if any, is to be provided to the victim.
- Punishment is rather heavy to correspond with proverb, "*kakari ke chor ko kulhadi se marna*".

I am confident, with due wisdom, you will put across a show expected out of budding professionals & shape yourself with care & caution to complete the aspiration of not only yourself but of your parents & *alma mater*. May God bless you, make you succeed in all your endeavors, accomplish all your aspirations.

With Best Wishes, Ever Yours,

Prof K K Malviya, Director (Academics)

Chief Patrons

Mr Praveendra Yadav
Chairman
Mr Sachin Yadav
CEO & Secretary
Mr Amol Yadav
Treasurer
Ms Geetika Singh

Patrons

Prof (Dr) K K Malviya
Director (Academics)
Mr P K Bhardwaj
Director (Administration)
Prof H L Verma
Director CRC (T & P)

Editorial Board

Chief Editor
Dr Amit Parashar
amit_parashar@hardayal.in
Executive Editor
Dr Mahesh Chandra
maheshchandra@hardayal.in

Technical Editor

Pawan Sharma

Student-Editors

Pradeep Kr. Chaudhary (B Tech)
Meenu (B Arch)
Mukesh Kumar Verma (MBA)



INSIDE
INSIDE

THE SIX ENEMIES
OF GREATNESS
AND HAPPINESS

HOW TO GIVE
YOURSELF THE
BEST CHANCE OF
A GOOD LIFE !

DID YOU KNOW?

SUCCESS!

LAUGHING ZONE!

SUCCESS DOES
NOT COME ON
SILVER PLATTER
IT HAS TO BE
EARNED

REASON WISDOM

GEOMETRY OF
LIFE

INVENTORY
PROBLEMS AND
THEIR
ANALYTICAL
STRUCTURE

INTELLIGENT
STRATEGIST

QUIZ



INVENTORY PROBLEMS AND THEIR ANALYTICAL STRUCTURE

Every production department, be it a factory, a workshop or an engineering department has to handle the materials. The major objective in handling the materials is three folds. (a) Maximum customer service (b) Minimum investment on material (c) Coefficients of low cost plant operation. These three objectives are basically in conflict with each other and require a scientific approach to get an optimal solution with a view to earn maximum profit for a given investment.

The studies of the involved operations are now known by the term material management or inventory control. In recent years, soaring interest rates have substantially increased cost of maintain inventories. To complicate matters there has been a tremendous proliferation of products over the past several decades which places substantial pressure on firms to maintain a large stock item. Every firm weather large or small must control its inventories.

Inventory control is highly control is highly significant function not only because inventories constitute substantial portion of total current assets of a firm but also because it has to satisfy the following objectives (i) To minimize the capital blocked in inventory (ii) To ensure that the value of material is minimum (iii) To maintain timely record (iv) To ensure timely action for replacement(v) To meet demand fluctuations (vi) To allow flexibility in production scheduling (vii)To reduce surplus stock.



Dr. Mahesh Chandra
Asso Prof, School of Engg

INTELLIGENT STRATEGIST

"I've come to believe that each of us has a personal calling that's as unique as a fingerprint and that the best way to succeed is to discover what you love and then find a way to offer it to others in the form of service, working hard, and also allowing the energy of the universe to lead you."

Oprah Winfrey

In the 70's and 80's, intelligence was all in the mind. (IQ) a measure of intelligence, focused on thinking and reasoning skills. And the 'rational man' was much admired. The work of a strategist then involved thinking:- applying research to analytical tools and models. In the 1990's, EQ or emotional intelligence broadened our view of the smart leader. Strategists began to explore how to get stakeholders to 'buy in' to their strategies, and how to 'overcome resistance to change' In the new millennium, the concept of 'SQ' or 'spiritual quotient' has been added to the skill set required by leaders. Strategists are looking at how to capture the imagination of their customers and how to inspire their employees to channel their energy into actions that support the company's vision. The role of a strategist has got a whole lot larger. In the soul of the strategist lies the essence of "SQ" which finds its ways through inspiration in the process for implementing any strategy.

A few ingredients to inspiration include :

Energy Creativity Action or doing Wisdom Purpose Fun Awareness of the mystery Caring.

To inject inspiration into your strategy processes answer the following questions with your team members:

- What energizes us – as individuals and as a team?
- What is our unique purpose as an organization?
- How can we make a difference to our communities, our country and to the world we live in?
- How can we encourage each individual in our organization to discover their unique life purpose? How do we help them to align their personal purpose to the organization's purpose? How do we encourage them to believe in themselves?
- How can we encourage each individual in our organization to channel their energy, purpose, ideas and imagination to help the company achieve its strategy?
- How can we as leaders bring spiritual intelligence and wisdom into our leadership practices?
- How can we remove the barriers to spiritual intelligence in our organizations? (e.g. the need for status, power, respect, acceptance, recognition, control, and love.)
- How do we promote spiritual leadership qualities such as courage, trust, faith, respect, simplicity, enthusiasm, curiosity, delight and caring?
- How can we develop and promote leaders who:
 - Set free the creative spirits of their people.
 - Know how to connect to the energy of their people.
 - Help their people to channel their creative energies towards delighting their customers, and creating innovative new products or processes.



Dr Manoj Bhatnagar
Asso Prof, School of Engg

THE SIX ENEMIES OF GREATNESS AND HAPPINESS

These six factors can erode the grandest of plans and the noblest of intentions. They can turn visionaries into paper-pushers and wide-eyed dreamers into shivering, weeping balls of regret. Beware!

- 1) Availability : We often settle for what's available, and what's available isn't always great. "Because it was there," is an okay reason to climb a mountain, but not a very good reason to take a job or a free sample at the supermarket.
- 2) Ignorance : If we don't know how to make something great, we simply won't. If we don't know that greatness is possible, we won't bother attempting it. All too often, we literally do not know any better than good enough.
- 3) Committees : Nothing destroys a good idea faster than a mandatory consensus. The lowest common denominator is never a high standard.
- 4) Comfort : Why pursue greatness when you've already got 324 channels and a recliner? Pass the dip and forget about your grand designs.
- 5) Momentum : If you've been doing what you're doing for years and it's not-so-great, you are in a rut. Many people refer to these ruts as careers.
- 6) Passivity : There's a difference between being agreeable and agreeing to everything. Trust the little internal voice that tells you, "this is a bad idea."



Dr R K Mishra
Asst Prof, School of Engg



HOW TO GIVE YOURSELF THE BEST CHANCE OF A GOOD LIFE !

- ❖ Make the time to work out what's most important to you. What is so important you wouldn't give it up, save in the most extreme circumstances? What feels like part of your deepest nature? What would it really hurt you to have to abandon? All these are core values. The more you satisfy them, the more fulfilling your life will be. Only you can truly decide what is a good life for you. Other people will try to decide for you, but all they're doing is pointing you towards their values, not your own. Ignore them.
- ❖ Keep focusing on your strengths. What you focus on grows. If you focus on your weaknesses, they'll grow too, because you'll keep finding more of them. Remember this rule: "To minimize blockages, avoid your weaknesses". Too many people spend their lives trying to eradicate their weaknesses. That's like trying to completely eradicate weeds in a garden. It takes so much work that you'll never have time to enjoy the flowers and vegetables. There will always be more weeds, and you will always have weaknesses. The trick is to minimize them when you can and ignore them when you can't. A garden full of healthy, fast-growing flowers will crowd out and hide the weeds. A garden of neglected, undernourished flowers will see the few flowers hidden and crowded out by weeds.
- ❖ Stop paying so much attention to how you feel. No one can control their emotions, good or bad. If you spend your attention on how you feel, you'll be in a constant state of anxiety. If you feel good, you'll start worrying about how to keep that feeling. If you feel bad, you'll fret over how to feel better. You feel whatever you feel. Get over it. Just go on doing what you need to do, regardless of your emotions. Don't mistake excitement for progress. It's easy to set out in a blaze of enthusiasm, only to run out of steam long before you've achieved anything that is going to stick. Decide what you are going to do, then do it. If you get excited, that too will pass. The main thing is to get whatever you want done, excited or not.
- ❖ Never fall in love with your ideas. More people have found misery and frustration this way than any other. An idea is just an idea-a notion that makes sense at the time. At another time, or in other circumstances, it may make little sense at all. People overrate mere persistence as a source of success. If something isn't working out, there is going to be a reason for that. Plugging on regardless won't change that reason. Persistence is only useful when your idea still makes excellent sense and you simply haven't given it enough time to develop. When people fall in love with their ideas they cling to them long after they should have let them go and moved on to something else.
- ❖ Cultivate an attitude of acceptance. The world is an unsatisfactory place. Things don't happen as they should. Good people often fail and bad people often prosper. That doesn't mean we shouldn't try to make things better. It does mean that we shouldn't become stressed because what happens isn't what we want. Accept that it happened that way and step back a moment to see what action is called for now. Whether it's part of your plan or not, do it. If you always do what's called for at the time, you'll always be doing something positive. If that changes your world for the better, good. If it doesn't, you still have the satisfaction that you did the best that you could. And you won't have wasted too much energy on ranting and raving about the unfairness of life.



Dr Amit Parashar
Asso Prof, School of Engg



Rakhi/RakshaBandhan



Govinda/Krishna Janmashtami

ENSUING EVENTS FOR THE MONTH OF AUGUST 2012

2nd	Raksha Bandan
10th	Krishna Janam Aastmi
15th	Independence Day
16th	Registration of First Year
17th	Commencement of First Year Classes
20th	Id Ul Fiter
27th	Orientation Programme
30th	Presentation



Independence Day



Registration

HTC (Code-UP26) approved Test Centre for Conducting 'National Aptitude Test in Architecture' (NATA)' w.e.f. Session 2012-13. Desire Candidates may register for the Test at Reception or on Mob No. 7500244324.

!!! ACTION , ACTIVITIES & ACCOMPLISHMENTS!!!

AUGUST-2012



Saraswati Ji and Banke Bihari Ji in a Admin Block



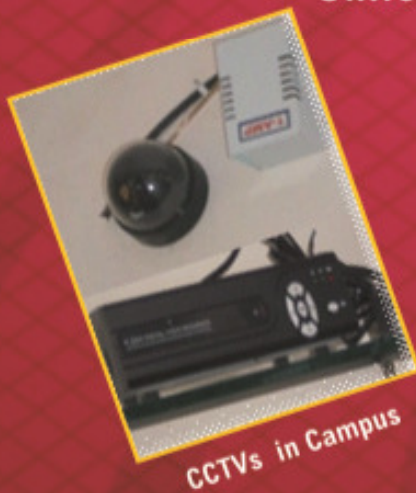
Security in a Campus



Moments of Enjoyment



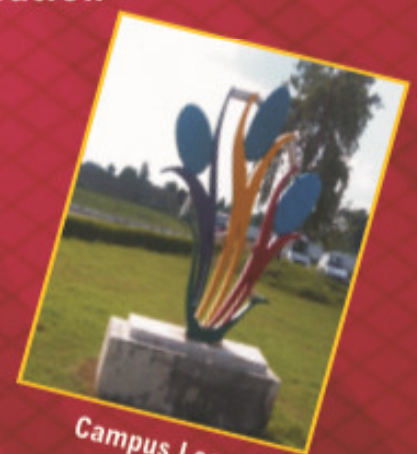
Uniform and Identity Card Distribution



CCTVs in Campus



Rain Harvest Plants



Campus Logo



Lush Green Lawn



Flag Hosting Ceremony, 15 Aug 2012

SUCCESS DOES NOT COME ON SILVER PLATTER IT HAS TO BE EARNED

In order to succeed we must know two things. 1) Where you are and 2) Where you are going. Most of us would say right away, 'I know that.' But do you really, really, really know what you want and where you are going in your life? Making statements like "I THINK I'd like to be a lawyer" or an "engineer". You need to get really clear on where you are in the present moment in order to get to where you'd like to be tomorrow. What you do controls your results. If what you are doing is not producing the results you want, then you really don't know what you want.



Sounds easy right, but until your put this into practice, you'll never get whatever it is that you wish to achieve. This requires that you start asking questions that you may not have been asking before. It's about going back through your life and picking up the pieces of yourself that you have left behind, one by one, are the actions you've been taking in your life apt for what you are yearning for? Or are they adopted from someone else's vision of what you should have done?

If the choices you've made are not in alignment with your own core values then you might want to rethink where you are. You also have to ask yourself why you are going there. What's your purpose? Do you have one? Are you 100% committed to where you are going? Are you 100% committed to doing the work necessary to get yourself there? You have to get clear about what is driving you - your own inner motivation-in order to create a clear path to follow. Success requires that you step out of your comfort level and look your fears in the eye and walk through them one by one. Until you can face them down and eliminate them from your life. Success requires you to come to the edge. The edge is where all the good stuff is. It is your ticket to your POWER, FREEDOM, and PROSPERITY - a life filled with untold abundance.



Pradeep Kumar Chaudhary
B Tech (CSE), II Year

REASON WISDOM

Sprain your brains and answer these few questions, Rush your answers to Er. Deshraj Singh the First all correct entries will win a prize sponsored by him.

- (1) Why is sky blue? (2) Why is it advised to switch - off the mobile phone in petrol pump? (3) What is the difference between sauce & ketchup. (4) An deodorant bottles, why is it specified to spray from a distance of 15 cm or 6 inches? (5) What is the difference between knowledge and skill?



Er. Deshraj Singh
Asst Prof, School of Engg.



GEOMETRY OF LIFE

Add your friends Subtracts your enemies
Multiply your joys Divide your sorrow
Then you will find the perfect Angle of a happy life. Do you know that a simple hello! Can be so sweet...?

- H - How are you?
E - Every thing is alright
L - Like to see you
L - Love to hear you
O - Obviously miss you.



Rinkul Goswami
Asst. Admin Officer



DID YOU KNOW?

Laughter keeps us healthy. Laughing exercise is over 100 muscles. You will be surprised to know that by simply telling a Joke we are exercising 72 different muscles in our neck, throat, mouth and tongue. Laughing increase the body's Antibodies T- cell, which help to fight off infection and Alien bacteria. Laughing 200 times will burn up the same amount of calories at ten minute on a rowing machine. So come, let's laugh as laughter keeps us healthy!



MISNAMERS

1. In butterfly, there is absolutely no butter but is called butterfly.
2. A mosquito bite is not a bite. It is a puncture.
3. Silk worm is not a silk worm it is a caterpillar.
4. A lady bird is neither a lady nor a bird but still it is called a lady bird.



Kapil Chaudhary
Asst Prof, School of Engg

SUCCESS!

Oh Success! You are so pure!
That is why I want to achieve you for sure.
Neither sun nor moon
I can see from my room
Still, I want to achieve 'stars'
Which no one can achieve by war,
Hard work and dedication
Along with concentration
Are my oar.



Oh success! You are so pure!
Truth is my strength
To which there is no fixed length,
Every sky to success
Is a button to press.
Success is like stars in the sky
Which always tell me to try.
There is no limit to stars,
No limit to success
To which I want
A permanent access.
Oh success! You are so pure!



Raju Singh
PA to Director

LAUGHING ZONE!

1. Clerk - Sir, please raise my salary otherwise
Boss - Otherwise what will you do?
Clerk - Otherwise, I will work an on the same salary.
2. Ritu - What's the difference between lightning and electricity
Gita - I don't know, what is it?
Ritu - Lightning is free.
3. John - Can I catch the three o'clock train to Delhi?
Hari - That depend on you, how fast you can run? It left ten minute ago.
4. Man - What do you like the more a bus or train?
Tanu - A train.
Man - Why?
Tanu - Because it never get's punctured.



Mayur Chaturvedi
MBA, 2nd Year



QUIZ

SPEED (30%) & ACCURACY (70%) are of essence

NOTE: Mark (s) of each questions is mentioned in the Bracket at the end.

- Q1. Your pockets are tearing from the weight of all the coins in them. After you unload them onto the kitchen table, you discover something surprising. You have exactly the same number of pennies, nickels, dimes, and quarters, totaling \$6.15. How many of each coin do you have? (2×1=2)
- Q2. $5 + 5 + 5 = 550$ this is an untrue statement there are 3 ways to make it true by adding only one line. (1×1=1)
- Q3. If 8 crows can steal 8 buttons in 8 minutes, how many buttons can 16 crows steal in 16 minutes? (1×1=1)
- Q4. Unluckily, last week I lost my measuring tape. It was unlucky as I had to measure make-up box. Luckily though I could remember that the top had an area of 720 square inches, the side was 800 square inches and the end was 360 square inches. What were the true dimensions of the box? (2×1=2)
- Q5. The ages of a father and son add up to 66. The father's age is the son's age reversed. How old could they be? (3 possible solutions – try to find all 3). (2×1=2)
- Q6. If 2 miles of fence enclose a square plot of 160 acres, how large a square will 4 miles of fence enclose? (2×1=2)
- Q7. Can you make $10 \text{ plus } 4 = 2$? (1×1=2)
- Q8. A domino is exactly the same size as two squares of a standard 8x8 chessboard. 32 dominoes can be arranged to tile the chessboard with no gaps or overlaps. If two diagonally opposite corner squares are removed, is it possible to tile the remaining 62 squares with 31 dominoes? (2×1=2)
- Q9. Can you replace the question marks with maths symbols (+/-/x) and make the equation correct: $(9 ? 1) ? (7 ? 6) ? (8 ? 4) = 3$ (2×1=2)
- Q10. In the local wood there are a number of trees. On these trees there are a number of birds. The local game keeper knows that there are as many birds on each tree as there are trees in the wood. He also knows that there are between 2000 and 2100 birds in total. How many trees are there in the wood? (2×1=2)
- Q11. A frog is at the bottom of a well 10 feet deep. He can jump 3 feet, but every time he jumps 3 feet, he falls back 2 feet. How many jumps will he have to make to get out of the well? (2×1=2)
- Q12. How many cubic feet of dirt are in a hole of one foot deep, three feet long, and two feet wide? (1×1=1)
- Q13. In the Art Gallery is a new conceptual art piece. The artist created huge pile different paintings; periodically he picks up one of the paintings and hangs it on the wall, and adjusts it. At 11:00, the painting titled "Number 30" was hung. At 4:00, the painting titled "Number 240" was hung. At 7:30, the painting titled "Number 315" was hung. What painting will the artist hang on the wall at 9:20? (2×1=2)
- Q14. A ship is twice as old as the ship's boiler was when the ship was as old as the boiler is. What is the ratio of the boiler's age to the ship's age? (2×1=2)
- Q15. Using eight eights and addition only, can you make 1000? (2×1=2)
- Q16. Can you take four 7's and arrange them with any math symbols needed to make the total be 100? (1×1=1)
- Q17. A large fresh water reservoir has two types of drainage system. Small pipes and large pipes. 6 large pipes, on their own, can drain the reservoir in 12 hours. 6 small pipes, on their own, can drain the reservoir in 18 hours. How long will 6 large pipes and 6 small pipes take to drain the reservoir? (2×1=2)
- Q18. Kansas City and St. Louis are 240 miles apart. Train "A" leaves Kansas City travelling towards St. Louis at 60 mph; Train "B" leaves St. Louis at the same time, travelling towards Kansas City at 40 mph. Which train will be farther from St. Louis when they meet? (2×1=2)
- Q19. A four digit number (not beginning with 0) can be represented by ABCD. There is one number such that $ABCD = A^A B^B C^C D^D$, where $A^A B$ means A raised to the B power. Can you find it? (2×1=2)
- Q20. Kevin and Smith are in charge of counting people who get on and off the lift. They take turns riding to the top floor and back down, counting as they go. After two such trips each morning and two in the evening, there is an average taken. (2×1=2)
- Q21. On Smith's noon trip there were 32 fewer people than in his morning count. Kevin counted a total of 122 in the morning and noon counts, just one higher than his evening count, but 24 more than Smith's Evening count. 3. Kevin's morning count is the same as Smith's average. 4. Kevin's evening count was 37 more than Smith's morning count. (2×1=2)
- Q22. What number divided by 4 is the same as that number minus 4? (2×1=2)
- Q23. FOUR is HALF of FIVE. Is this statement True or False? (1×1=1)
- Q24. How many Boxes measuring 1m x 1m x 50cm can be packed into a container measuring 6m x 5m x 4m. How many one-inch cubes will it take to make a cubic foot? (2×1=2)
- Q25. Use four 9's in a math equation that equals 100. (1×1=1)
- Q26. After teaching a class all about roman numerals (IX=9, X = 10 and so on) the teacher asked his class to draw a single continuous line and make IX = 6. The only stipulation the teacher made was that the pen could not be lifted from the paper until the line was complete. (2×1=2)
- Q27. A man was asked what price per 100 he paid for some apples. His reply was as follows: "If they had been 4 cents more per 100 I should have got five less for \$1.20." Can you say what the price was per 100? (2×1=2)
- Q28. Working at the stables there are a number of lads and lasses looking after the horses. In all there are 22 heads and 72 feet, including all the lads, lasses & horses. If all the lads, lasses & all the horses are sound of body and limb, how many humans and how many horses are there in the stables? (2×1=2)
- Q29. Sue, Les And John share out a certain sum of money between them. Sue gets 3 fifths, Les gets 0.35 and John gets £90.00, How much is the original sum of money? (2×1=2)
- Q30. On your Calculator can only use the 7, 8, 9 and the + - x - buttons? What's the fastest way to make these numbers appear on your screen? a) 5 ... b) 25 ... c) 50 ... d) 100? (2×1=2)
- Q31. Put three + signs and one - sign in the below numbers to make the sum work $987654321 = 100$. (1×1=1)
- Q32. On a farm outside of Winchester is the world's most perfect peach tree. The main trunk has exactly 24 branches, each branch exactly 12 boughs, each bough exactly 6 twigs, and each twig bears 1 fruit. How many apples are on the tree? (2×1=2)
- Q33. Can you make $10 \text{ plus } 4 = 2$? (1×1=1)
- Q34. If a side of Beef cost you £300 and a Lamb cost you £312 How much would you pay for a Pig? (2×1=2)
- Q35. $1 - 8 - 27 - 64 - 125 = ?$ (1×1=1)
- Q36. A laborer can dig a hole 8 feet square and 8 feet deep in 8 days. How long will it take him to dig a hole 4 feet square and 4 feet deep? (2×1=2)
- Q37. Your friend has a dollar bill and needs change for the vending machine. In your pocket, you have 7 pennies, 5 nickels, 8 dimes, and 3 quarters. How many different ways can you make change for a dollar? (2×1=2)
- Q38. 12 members were present at a board meeting. Each member shook hands with all of the other members before & after the meeting. How many hand shakes were there? (2×1=2)
- Q39. A clock loses 10 minutes each hour. If the clock is set correctly at noon, what time is it when it reads 3 PM? (2×1=2)
- Q40. What is the largest number you can write with just 3 digits? (1×1=1)



Arvind Kumar Saras - I
MBA, 1 Year



Anendra Singh - II
B Tech, ME, 1 Year

Winners

Quiz : July, 2012

Solutions

1.1 a; 1.2 c; 1.3 c; 1.4 a; 2.1 c; 2.2 b
2.3 a; 2.4 b; 3.1 a; 3.2 b; 3.3 c; 4.1
a; 4.2 d; 4.3 d; 4.4 b; 5.1 b; 5.2 b;
5.3 a; 5.4 b; 6.1 b; 6.2 b; 6.3 a; 6.4 a
6.5 b; 7.1 d; 7.3 d; 7.4 c; 7.5 b