Not just magnitude, but direction also!

VECTOR

In association with **DNA**

'Vidyalankar - my first choice!'

CMAT topper shares success secrets.

In the very first CMAT conducted this year, Vidyalankar's student Ameya Gharpure, currently pursuing BE in Computer Engineering from VIT has scored a remarkable 99.12 percentile. Read on for the topper's insights on his experiences on preparing for and cracking management entrance exams.

What is your opinion on Management Studies for Engineers?
When I started preparing for the management entrance exam, many of my friends asked me 'why Management after Engineering?' I always had Management in my mind since my XII standard and the reason why I wished to pursue it after Engineering is because I wanted to avail the advantage of sound logical and quantitative abilities that Engineering helps to inculcate. Moreover, it completes the circle of Technology + Management and helps you in becoming a Techno-manager.

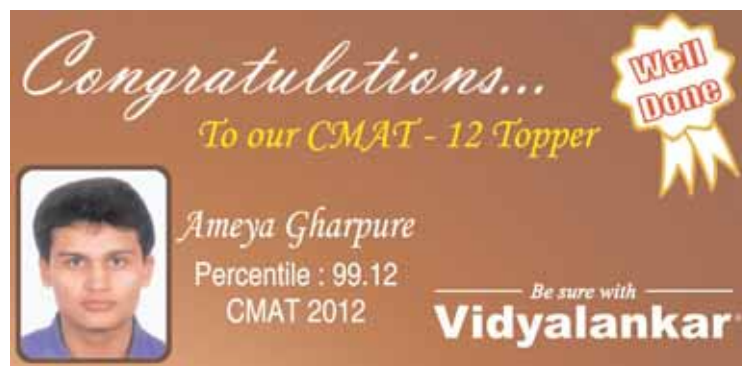**When did you start preparing for Management entrance exams?**
I started preparing for all Management exams in the third year of my Engineering as in the final year there are many other critical factors such as the Final Year project or IEEE papers which you have to submit. Starting preparation in the pre-final year has really proved advantageous for me as it has kept me in good stead. If one starts a year earlier than the others it's but obvious that you are going to have an advantage over the others.

How did you manage the preparation along with regular Engineering studies?
As a part of my preparation in the pre-final year, I joined weekend batches of Vidyalankar Classes for CAT as well as CET preparation. As I used to go for classes on weekends, I could concentrate on college studies during weekdays. Also, I used to devote one to one and half hours daily towards entrance exam preparation and answer whatever tests they used to give me on a regular basis. It is very important for all aspirants to make a specialized time-table according to your routine because without a concrete time-table on paper, it's very difficult to manage time efficiently. Time Management is the most important skill required to clear these management entrance exams i.e. CAT, CET and CMAT.

What is the difference between the three (CAT/CET/CMAT) examinations?
The major difference between the three is that CAT is at the highest level of difficulty of all three, but in CAT you don't have a time crunch, so it will never happen that you will not be able to complete the whole paper. Though in CET the difficulty level of questions is lesser than CAT but it's almost not possible to solve 200 questions in the given time. CMAT, you could say, lies somewhere between the two as the difficulty level of questions is not as high as in CAT but also not as low as in CET and the time given is more than CET. I personally solved my paper in 2 hrs.15 min. out of 3 hrs. Another difference between CMAT and the other two exams is this that it has a section called GK which has never been there in any of the management entrance exams. What I can say for sure is that preparing for CAT has helped me to solve CET as well as CMAT.

What was your preparation strategy for the three sections of these entrance exams like Verbal, Quantitative and DI?
For Quantitative I took Vidyalankar material and everyday I used to set myself a target e.g. solving 15 or 20 questions in a particular time frame. In order to prepare for Verbal I used to read a lot of newspaper and novels. One interesting thing about Verbal is that many a time students feel that the answer to a question seemed just right, that's why it is right but that is not the case; even English has a science behind it and it is very important to know the reason because of which a particular answer is correct and the others are not. For Data Interpretation I read newspapers especially like Economic Times and magazines like Outlook and India Today. The articles of these newspaper and magazines may have graphs and pie charts associated with the content so inherently when you read such articles and interpret the data from these pie charts it helps you to inculcate those skills needed to solve questions in the exams.

How do you think one should prepare for the newly introduced GK section in CMAT?
For GK I would suggest that rather than scouting through many resources, just stick to one year book and read it thoroughly. Also, we were given a list of events from Vidyalankar. That has given the information of all the important events of the last two years. Also, CMAT being an Indian exam focuses more on Indian events, so one should regularly follow the news and current affairs.

What are the other benefits of preparing for these management entrance exams?
The main advantage that I found by preparing for any of the management entrance exams is that in the third and fourth years, a lot of companies come to your campus for placements and each of the companies have its screening procedures. The first stage in the screening process would be an Aptitude Test. An aptitude test is very similar to these management entrance exams. So, when you are preparing for Management Entrance Exams, you are automatically getting prepared for placements and you will stand a better chance to get employed as well.

Elaborate on your experience in CMAT-12 which was conducted for the first time.
CMAT is a computer based exam like CAT but it differs from CAT in the sense that in CAT you are not allowed to move to another section before the time gets over; for CMAT there is no such rule, once you get the paper all the sections are open to you, you can move from one section to another according to your convenience, plus its not compulsory to answer all the questions and it also has negative marking. There is one negative mark for each wrong answer. One more beautiful thing about CMAT is that you can apply to all AICTE approved colleges all across India.

What role has Vidyalankar played in your success?
I have always been a Vidyalankar student from the First Year of Engineering, so naturally when it came to my mind that I want to prepare for Management entrance exams, Vidyalankar was my first choice. The main advantage of Vidyalankar is that their teachers are excellent and conceptually very strong, so if you have any doubts they are able to solve it, plus they focus a lot on individual attention e.g. if you have any doubts, the teacher will sit with you even after the lecture and clear your doubts. Since CMAT is a new exam and has been conducted for the first time this year, I had no idea what to study, where to focus on but Vidyalankar has really helped me a lot in this as it has conducted a workshop before the exam and they covered all the four sections and gave information on what all needs to be studied and how it is to be studied. Another plus point is the test series, especially the detailed analysis given after I had given the test. Through this analysis I came to know about my individual marks, where do I stand amongst the Institute's students, who are the toppers, how much they have scored, what sections I have to work on and all this information was given through bar charts and pie charts and also guided me about where I can improve and how I can improve. The tests were very accurate e.g. I scored 244 in Vidyalankar's CMAT test and 248 in the final CMAT. Vidyalankar's tests give you a very good indication of where do you stand with respect to the others in the crowd.

– **Sacheta Aneja**
Vidyalankar

Congratulations...
To our CMAT - 12 Topper
Well Done

Ameya Gharpure
Percentile : 99.12
CMAT 2012

Be sure with **Vidyalankar**

Graduation Day at VSIT

Vidyalankar School of Information Technology organized the Graduation Day on 24 March. Prof. Vaigankar, Associate Dean from NMIMS presided over the ceremony. The event was also attended by the In-charge Principal Ujwala Sav, Dean (Admin) Prof. Ashok Seth sand BMS Coordinator Vijay Gawde. More than 350 students were present for the event. The Vidyalankar family wishes them good luck for their forthcoming exams and a bright future!

STUDENT SPEAK

Alimehadi Mukadam, BMS
"Be Sure with Vidyalankar"; this phrase has become the heart and soul of every Vidyalankar student. Today when I sit back and rewind the memories of the past two years at VSIT it makes me all nostalgic.

VSIT nurtured me and made me grow as an individual in various aspects. We were provided with an excellent teaching faculty that stood by us in all times and guided us towards what are we to become tomorrow. Our late Principal Dr. Ajit Naik Sir taught us to be kind towards our family first and then towards the society. His guidance and words have always encouraged and guided us. His teachings are inculcated within us and will always be there.

I have happy memories of Vigour, the sportsmanship and teamwork of Verve and most importantly the involvement and enthusiasm of every VSITian regarding them. I still remember the day when our house won the House Cup of the year; every one was overjoyed and overwhelmed because our efforts and dedication as a team had paid off. The entertainment at Shanivar Manch, our canteen's delectable samosa, the 50 minutes lectures, the checking of the defaulter's lists, the journey by 110 BEST bus, every Monday's weekly test, trying to run the program in labs, the nervousness and excitement during placement interviews will always be a part of my golden memories. It has been a complete journey full of fun, enthusiasm and with an environment of learning. The pride and honor of being a VSITian will always remain in my heart throughout my life.

Priyanka Allen, T.Y. B.Sc. IT
The journey of my three-year BSc-IT course was destined to begin at VSIT which today, I consider as a blessing from God. The highly skilled and dedicated faculty of VSIT has transformed a mere student into a highly confident and intellectual professional. With the amazingly well-planned management cell, I could be a part of the various extra-curricular activities like 'The Shanivaar Manch' which enabled me to explore my hidden talents and capabilities and to get relieved from a stressful week. The 8.00 am to 8.00 pm computer lab access along with the new Internet lab opened just for our benefit, made assignments such an easy task to complete. From the spectacular infrastructure of the college conducive to studies, to the systematic teaching methodologies of the faculty, every element of VSIT has contributed in the upbringing of my career. My placement in 'L&T InfoTech', a multinational company, couldn't be possible without the efforts and support of the Placement Cell. I ask God to immensely bless this family of Vidyalankar which has helped many young minds fulfil their dreams.

Namita Salla, TYBMS-A
Every moment spent in VSIT qualifies as 'great time'. It's difficult to explain what an important role my college has played in my life. From lectures to professors, break time to canteen, with friends and teachers, every moment is memorable. I'll miss every lecture, every professor, the fun time in canteen and the enriching knowledge that I've received in class and even the assignments. I'm really going to miss this place as much as I'm going to miss my college days.

VSIT Acers

T.YB.M.S. SEM V Result Ranks (November 2011)

Rank I	445/600 **Mukadam Alimehdi Ayaz Hussain** 76.53%	**Rank VI**	408/600 **Shroff Pawan Sunil** 68.00%
Rank II	432/600 **Gupta Vinaykumar Phoolchand** 72.00%	**Rank VII**	403/600 **Parmar Wasim Mohd.Iqbal** 67.17%
Rank III	430/600 **Khot Rutuja Anant** 71.66%	**Rank VIII**	402/600 **Hatekar Tejashri Prakash** 67.00%
Rank IV	426/600 **Varghese Rohan Thomas** 71.00%	**Rank IX**	401/600 **Kedare Mayur Kailas** 66.83%
Rank V	415/600 **Supekar Priya Dattatray** 69.17%	**Rank X**	400/600 **Palkar Leon Levi** 66.67%
Rank VI	408/600 **Chheda Karan Naresh** 68.00%		

T.YB.M.S. SEM V (Subject Toppers)

Human Resource Management	79/100 **Bodwaani Sshikha Prakassh** 79.00%	**Ethics & corporate CSR**	74/100 **Supekar Priya Dattatray** 74.00%
Service Sector Management	82/100 **Mukadam Alimehdi Ayaz Hussain** 82.00%	**Special Studies in Marketing**	72/100 **Gupta Vinaykumar Phoolchand** 72.00%
Financial Management	84/100 **Mukadam Alimehdi Ayaz Hussain** 84.00%	**Special Studies in Finance**	86/100 **Palkar Leon Levi** 86.00%
Logistics & Supply Chain Management	74/100 **Mukadam Alimehdi Ayaz Hussain** 74.00%	**E-Commerce**	74/100 **Suvarna Gaurav Mohan Kumar** 74.00%

Internship- A Professional Key

VSIT students have been successful in landing summer internships. The Institute has facilitated Internships to its students in various organizations like Blue Star, ING VYSA Bank and Birla Sun Life.

Internships make the journey from being a student to becoming a professional easier. It is a key which can open doors for students for their placement. VSIT has given such a key in the hands of all undergraduate students (both BSc. IT and BMS) and have opened doors for students to bridge the gap between the campus and the corporate. The following are a few ideas to be selected in companies for summer internship-

Before interview- Before going for an interview, be fully prepared i.e. keep your knowledge up to date, learn more about the company.

During the interview- Candidate should be attired in formals and a CV should be ready in his/her hand. One shouldn't be nervous and one should make it a point to reach on time.

This activity just doesn't end here; the journey has just begun. After getting selected by companies there are few tips to be remembered:

First day of your internship
A summer intern should always remember that it is your first day in office and do avoid checking out social networking sites like Orkut, Facebook, Twitter and overuse of mobile phones. This is a big mistake that an intern will surely perform. Remember you are being observed from day one, including the way you enter the office premises and your attitude towards your colleagues.

Colleagues - Professional friends
Always remember that colleagues are only professional friends and not your college friends. Avoid discussing any personal matters with colleagues; rather build a professional rapport by meeting them, talking with and getting connected with them on a professional note. Don't forget to add them on LinkedIn and stay connected with them for your future reference.

Be Proactive!
In the initial days there may not be much work but don't just sit in one place; rather approach your supervisor for work. If he says that there is no work then offer your helping hand to your colleagues- in fact a best way to impress people. Don't express dissatisfaction on the type of work given to you. Being an intern you need to perform your duties diligently.

Fear- For asking Questions
An intern may fear asking their supervisors for information or help when given a particular task. He may feel that it is a bad impression or a sign of ignorance on his part. But isn't it always better to ask questions rather than making mistakes? The more questions you ask, the more are the chances of performing the duty well.

EXIT formalities
Student should make sure that the exit formalities are done properly. Don't forget to collect your certificate from the higher authorities. Also more importantly ask for feedback from your colleagues as well as from higher authorities.

– Ujwala Sav &
Vandana Shrivastav

Not just magnitude, but direction also!

VECTOR
In association with **DNA**

"He is able who thinks he is able."
–Buddha

APRIL 2012 | 3

'Mini MBA' at VIT

JRD Tata asserts, "One must forever strive for excellence, or even perfection, in any task, however small, and never be satisfied with the second best." The pursuit of excellence is like climbing steps on an endless ladder leading to the ever-eluding zenith of perfection. For organizations it not only means performing at the highest level all the time in whatever they do, but to acquire an unquenchable thirst for continuous introspection and improvement. All the B-schools today are competing to be at the top by providing the best facilities, infrastructure and faculty. The Department of Management Studies at VIT has taken one such step ahead to provide the best understanding of an organization and its working through BEM i.e. Business Excellence Model. These sessions were conducted by Mr. T.R. Doongaji, Dean Business Excellence, VIT and Ex-MD Tata Services Ltd., a veteran who has been associated with the Tata Group for 43 years.

Shared through case study and based on the Malcolm Baldrige (USA) Model of Business Excellence, it offers a highly interactive and participative learning experience. Spread over eight sessions, the subjects covered under the exercise are: Leadership, Strategic Planning, Customer Focus, Measurement, Analysis and Knowledge Management, Workforce Focus, Process Management, and Business Results. The study of this model involves a thorough scrutiny of the case by students and then evaluating it as per the standards of Excellence mentioned in the reference manual. The exercise is a "Mini MBA" by itself. It will help prepare students to face challenges in management and improve their career prospects at par with leading B-Schools of India.

The Department conducted the Convocation Ceremony of Business Excellence Model students on 21 March 2012. Mrs. Sanjeewani Deshpande (Chairperson, Vidyalankar Dnyanpeeth Trust) was the Chief Guest of the ceremony. The other dignitaries included Mr. Chandan Bagwe (faculty of Welingkars Institute), and VIT MMS faculty members. The session, aptly named 'celebration of celebrations', started with an interactive sharing of the learning gained by students and was followed by speeches by the HoD - Prof. Hemant Joshi, Mr. Doongaji, Prof. Bagwe and Mrs. Deshpande. A summarization of all the learnings form each of the seven categories was presented. Certificates of 'Successful Participation' were conferred on all the participating students. A trophy for the Best Presentation was given out to the 'Leadership and Process Management' from Batch I and 'Knowledge Management and Process Management' from Batch II.

Mr. Chandan Bagwe, who had attended all the BEM sessions, said he was privileged to be a part of this course with other fellow students of MMS Batch B. He expressed his gratification by felicitating Mr. Doongaji. The session was concluded with encouraging words from the guests. Thus the "Mini MBA" Program concluded with much cheer and a sense of fulfillment.

– **Jagdesh Sagadevan and Smita Mukherjee**

We Care

Cool tips while exercising during summer

- Keep drinking water or electrolytes after every 20-25 minutes. This will prevent you from getting dehydrated. The water used should be of room temperature.
- Avoid outdoor exercising in summers. Indoor exercise and with the fan on while exercising is important. This helps maintain the body temperature.
- Exercise clothes during summer should be loose and of cotton which allows air circulation and helps in dissipating heat.
- Exercise during summer is best done in the morning, when the climate is relatively cooler.
- Avoid extreme cold or hot bath after working out. It is best to rest for some time after workout until the body temperature comes down to normal. Then take a bath in room temperature water.
- Along with a healthy workout, it is also important to maintain a proper diet especially to avoid dehydration and to keep your system nourished.

Vidyalankar Polytechnic students script success stories all over!

Congratulations!!!
RUNNER UP Inter Zonal Tournament 2011-12 Vidyalankar Polytechnic Football Team

Congratulations!!!
WINNER Zonal Tournament 2011-12 Vidyalankar Polytechnic Football Team

Congratulations!!!
WINNER Zonal Tournament 2011-12 Vidyalankar Polytechnic Kabaddi Team

A Project On PC Controlled Robotic Vacuum Cleaner

This project has been conceptualized in such a manner that a 3 or 4 wheeled robot, which will be fitted with a vacuum cleaner pump will be made to take rounds of a pre-defined perimeter, such as an airport or an industry area. This canl be monitored on the PC by a remote up-keeping staff. When dirt is seen, the robot can be made to take cleaning action.
The team got this idea after watching various programs and news on robotics on the internet and through library medium; the idea of dirt fighting is inspired through recent news about an incident in local area. It hopes that the project will get sponsored and will be good enough to be implemented in real life.

The following are the advantages:
1. Single (or more) robots can take cover of a very large area, especially areas unsafe for humans (e.g. radiation contaminated)
2. If unwanted matter is found, say dirt or objects, robots can take some cleaning action (it can have a liquid or an air dirt cleaner)
3. If the threat is not resolved then the cleaning team can be sent.
4. It can be fitted with many sensors for area sensing and monitoring (e.g. Gas sensor like CNG CO2 for industrial area)
5. In case the robot happens to meet with an accident or is destroyed, human life will not be jeopardized.

We Congratulate the following students for securing 1st place in.......
MP-proEx 2012 8th National Level Project Exhibition
1st Prize 1. Siddhesh Ingawale 2. Harshal Indap 3. Yash Bhilare 4. Bushra Shaikh

Congratulations VP!

Not just magnitude, but direction also!

VECTOR

In association with **DNA**

"It's kind of fun to do the impossible."
–**Walt Disney**

APRIL 2012

4

CARNIVAL OF CRICKET

On March 15 1877 the first test match between England and Australia was played at the MCG. That was the start of International cricket. Over the years, cricket spread to many countries and the number of international matches increased to a great extent. Here somewhere domestic cricket was losing its sheen. Then came the extravaganza named as the Indian Premier League. The concept of international players playing in Indian Domestic Clubs caught the fancy of the new generation. The fast format of T20 cricket was gripping, thrilling and entertaining. Just like the modern day lifestyle. Indians now took part in a new carnival. The carnival of cricket called IPL.

A brainchild of the BCCI, IPL began in 2008 with 8 teams with all top cities like Mumbai, Delhi, Chennai, Kolkata, Bangalore, Chandigarh, Jaipur and Hyderabad being a part of it. These franchises bid for players, and the auctions threw many surprises. Here name mattered nothing, but the ability to clear the boundary made all the difference. They say cricket is a funny game and Rajasthan Royals proved it by winning the IPL in the first season. Perhaps the smallest club had made the biggest impact on the tournament. The second year saw a few glitches. The Tournament had to be shifted to South Africa as it clashed with the elections. That also did not dither the enthusiasm of cricket fans. IPL was still watched with the same vigour and this time the bottom team of Season 1 Hyderabad won the competition and the hearts of millions of fans all over the world. Seasons 3 and 4 saw all the big clubs coming to the forefront. Mumbai and Bangalore teams started living up to their reputation and were almost a certainty for the knockout stages. But it was the Super Kings from Chennai who won back to back trophies cementing themselves as a powerhouse in the IPL.

"The IPL is a platform for young Indian Players to grow" is what everyone believed and it surely has lived up to that. This tournament produced many stars. Players who were hitherto unknown came into the spotlight. Young Indians like Saurabh Tiwary and Ambati Rayadu made an impact while playing for the MI. Manish Pandey, Ravindra Jadeja and Paul Walthaty made a huge impression playing this shorter format of the game. Many senior players like Adam Gilchrist, Sanath Jayasurya, and Glen Mc-Grath came out of retirement to play this tournament. Many players on the wane got a new shining light in their life. This is one of the richest leagues in the world. The cost of players is mind-boggling with some players getting as high as over $2,000,000 just to play 14-15 matches. The owners are reaping rewards for good investments with the League's popularity increasing every year.

IPL has had its fair share of controversies. The Lalit Modi saga is still yet to completely unfold and one can't say only he was to blame in the irregularities that happened. The shifting to SA in Season 2, the fights with the government or the termination of the Kochi franchise this year hasn't helped the image of this tournament. But like the dark spots on the moon they are hidden beneath the shining beauty of the level of cricket being showcased.

DLF IPL 2012 promises a lot of excitement, drama and entertainment. With many big international and Indian players participating, this year's IPL may just cross all boundaries and take cricket to a new level.

– **Harsha Kiran Ambardekar**
SE ETRX, VIT
Note: Harsha K Ambardekar is also the writer of the article 'Devils Rule' which was published on Page 4 in the previous (March) issue of Vector

Festivities galore at VIT

College fests are wonderful opportunities to reveal student acumen in terms of planning, teamwork and event logistics. Vidyalankar Institute of Technology was abuzz with excitement during its highly anticipated annual festival week from 26 to 30 March. A spectrum of stellar events at Fervor (technical), Verve (cultural), Quintessence (literary) and Sportsmania (sports) fests generated enthusiastic participation from VITians and students from various colleges across the city.

VIT hosted a spectacular 3D laser show and joined the elite ranks of mega events such as IPL and X-factor India. With the theme of 'Heritage of Mumbai', the crowd was captivated by the alluring display of laser beams which showcased the Gateway of India, Lalbaugcha Raja and the Taj Hotel to mention a few. The other events which elevated the entertainment quotient were the fashion show Rampage, Stepper Motion, String Theory, Laser tag, Lan Gaming, Robotics and Technodox. Laser tag alone, wherein each team competed by tagging the other team using infrared transceiver guns and fluorescent jackets, witnessed over 1100 people.

Drum Circle, an interactive percussion symphony of beats on the djembe, accompanied to African chants and beats, was one of the show stealers in Verve '12. Gondhal, a talent show which celebrated the vibrancy of Maharashtrian culture, garnished the fest with a delectable local flavor. A simulation of Angry Birds, the popular smartphone game, proved to be an instant hit as enthusiasts got a chance to play the game in its live version.

Another crowd-puller was the literary casino, 'Welcome to Vegas'. Vocabulary enhancers such as word-building, constructing sentences, gambling with synonyms and antonyms while playing blackjack, poker, and darts entertained participants to the hilt. The 'dealers', dressed in typical casino attire, and using actual casino tokens along with the legendary silver briefcases proved to be the lucky masterstroke! Sportsmania saw cage football, inter-college S6 championship, volleyball, throwball and cricket. This sporting season, the VIT cricket team bagged the inter-college cricket tournament in TSEC.

The novelty of ideas, the finesse of execution and the vibrancy in participation were the ingredients of success for the VIT fests. The Institute continues to make waves as not just an academically robust one, but also as a powerhouse of talented individuals in all spheres.

– **Vighnesh Nayak and**
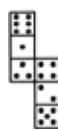**Mandar Raje**
TE EXTC 1, VIT

Know your City

Hanging Gardens, also known as Pherozeshah Mehta Gardens, are perfectly terraced gardens on the slopes of the Malabar Hill, just opposite Kamala Nehru Park. Providing a panoramic view of the sunset over the Arabian Sea, the lush green Hanging Gardens comprises its several hedges that have been fashioned into different shapes of animals. Besides the above-mentioned features, one can see a striking flower clock in the middle of the garden. The park, which was laid out in 1881 over Bombay's main reservoir, owes its name to the renowned barrister Pherozshah Mehta. The garden presents a picturesque vista of the dazzling city, where from a particular point a person can see a lovely view of Mumbai Chowpatty Beach and Queen's Necklace. And how can one forget the charming old monument - "Boot House", a favorite among children!

Aptitude Corner

Q1. How many dots lie opposite to the face having three dots, when the given figure is folded to form a cube?

A. 2   B. 4   C. 5   D. 6

Q2. Find the correctly spelt words.

A. Chancelary   B. Chancellery   C. Chancelery   D. Chancellary

Q2.1 Find the correctly spelt words.

A. Sepulchral   B. Sepilchrle   C. Sepalchrul   D. Sepalchrl

Q3. In a race of 200 m, A can beat B by 31 m and C by 18 m. In a race of 350 m, C will beat B by:

A. 22.75 m   B. 25 m   C. 19.5 m   D 28 m

Q4. The Indian to beat the computers in mathematical wizardry is

A. Ramanujam   B. Rina Panigrahi   C. Raja Ramanna   D Shakunthala Devi

Answer 4: Option D

Therefore, C beats B by (350 - 325) m = 25 m.

When C covers 350 m, B covers $\left(\dfrac{182}{169} \times 350\right)$ m = 325 m.

When C covers 182 m , B covers 169 m.

$$\dfrac{C}{B} = \left(\dfrac{C}{A} \times \dfrac{A}{B}\right) = \left(\dfrac{200}{182} \times \dfrac{200}{169}\right) = 182 : 169.$$

A : C = 200 : 182.

A : B = 200 : 169.

Explanation:

Answer 3: Option B

Sepulchral - pertaining to a grave or tomb. (or) serving as a grave or tomb.

Explanation:

Answer 2.1: Option A

Answer 2: Option B

When this figure is folded to form a cube then the face bearing six dots will lie opposite the face bearing three dots.

Explanation:

Answer 1: Option D