STUDENT REPRESENTATIVES

Club Co.ordinators







Craft





Ankit Yadan

Tamogna Kunuku ENSUING EVENTS FOR THE MONTH OF FEBRUARY 2012

- 76 -- Sargam and Nukkad Natak will be organized by Music, Dance and Drama Club 96- Presentation on "How to Control Emotions" by Ms Ragini Gunta
- 15th -- Presentation on "Management in Modern Industry" by Mr Mukesh Kumar
- 176- Indoor Sports Competition will be organized by Sports Club
- 196- 218 -- Educational Tour to Nainital

29"-- Presentation on "Project Management" by Ar Satish Chand Kushawah



The TOEFL (Test of English for Foreign Language) test renders students the opportunity to prove that they can communicate ideas effectively by simulating university classroom and student life communication. The language used in the test reflects real-life English-language usage in university lectures, classes, and laboratories. It is the same language professors use when they discuss coursework or concepts with students. It has become the most popular and accessible English-language test in the world. It has been administered more than 20 million times since 1964, and is available in more than 180 countries. It is also the most accepted test in the world. More than 6,000 colleges, universities, and agencies in 110 countries accept TOEFL scores. That means that students have the flexibility to use their TOEFL test scores worldwide and as per scores students could get Striped.

TOEFL — A Key to Academic Success

Types of Test: Conducted through out the year in India. It is of 2 types-Internet-Based Test (IBT) and Paper Based Test (PBT). Test Centers: Ahmadabad, Allahabad, Bangalore, Calcutta, Chennai, Hyderabad, Mumbai, New-Delhi, and Tiruvavntapuram

Eligibility: Intermediate to advanced-level students of English who require a TOEFL score for admission into a North American university or college. Purpose: To study at a university in the US; To be a TA (Transactional Analysis) as part of your graduate program; For a license to work as a doctor or nurse in the United States: For university entrance or professional licensure in New Zealand etc.

Test Pattern: The entire test is four hours long and all sections are taken on the same day, with a break of 10 minute in between exam.

Test Sections	No of Questions	Timing(in Minute)	Score
Reading	3-5 passages, 12-14 questions each	60-100	0-30
Listening	4-6 lectures, 6 questions each	60-90	0-30
	2-3 conversations, 5 questions each		
Speaking	6 tasks: 2 independent and 4 integrated	20	0-30
Writing	One each of integrated task &independent task	20-30	0-30
Due to non practicability,	, Quiz on last page does not cover Listening and	Speaking sections. It will	be presented during PDP Classes.

Dr Amit Parashar Asso Prof. (School of Engg)

QUIZ - TOEFL MODEL

Note: Choose the right option. Mark (s) of each question mentioned in the bracket at the end. Q.1. Look at the photographs. For each photograph, you will see four statements. You will have to choose 1.1 (A) The woman is wearing classes

(B) There is a note on the keyboard (C) The woman is facing the monitor (D) There is a lamp above the computer



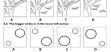
(fi) The mountains are covered with snow (C) The man is carrying a cap. (D) The sandals are in the water Q.6. You will read passages in the form of letters and advertisement etc. You should read the entire

Q2 Students must read short passage below and answer questions about it. We stopped to buy gas and to stretch our legs. We had left home early that morning and driven for what seems like years. Now it was noon and the sun overhead was oppressive. The baby was crying, I wondered if we would ever reach our grandmother's house. Father bought us bottle of something cool to drink. As we sat sipping our 2.1 What time rist the family story

(C) Afternoon 2.2. Where was the family going?
(A) Gas station (B) Grandmother 2.3. When did family leave the home? ACAE and a Montaine /DIAMON (B) Noon

2.4. When was boby crying? (D) None IC140amoon (A) Morning (B) Noon (C) Afternoon
Q3. The student must match printed sentence with one of four drawings. 3.1 She is reaching up to get a box off the shelf.





Each picture will have two words that you must use in your sentence. You can change the forms of the words. You will be scored on grammar as well as on the relevance of the sentence to the picture. First Picture has been explained as an exemple.



Sid and Sandy Cheste

Anticipated Explanation 1 Three employees have gathered together around an oval table to discuss their concerns of the day. 2. Three employees have gathered together two are sitting around an oval. Table while one is standing to discuss their matter. 3.Two Gests and One Lady employee have pathered together around an oval table to discuss their personal matter 4. Three employees (A lady is chatting with standing colleague while sitting colleague doing his work, on laptop agart with listen) gatheres together around an eval table to discuss their concerns of the day.















Q.5. Comprehension. In this Part you will read passages of Letter and Memo in each passage there will be one blank to fill in. You will have to choose most appropriate one out of and cotions for each Dear Ms. Michaels

5.1 Seasons Greetings. As a customer, we wanted you to be among the first to know about our uncoming haliday sale. All craft paper, specially printer paper, and decorative envelopes will be reduced by 50% for the month of December. (B) valued 5.2 As per tradition at Sid's Stationery, we will be having a Christmas raffle. This year the grand prize is a 2-

Occupancy stay in the pent house suite as well as a free dinner on the moonlit patio (A) through (B)on 5.3 Money from ticket sales will be to The Family Foundation, a local organization that provides food

And Clothing to those who need it (A) purchased (B) donated #Citionded We look forward to seeing you this Christmas season.

SPEED (42%) AND ACCURACY (58%) ARE THE ESSENCE 5.4 Please he aware that there was a miscrint in an advertisement for our stone in this week's local free cress. The ad states that on Saturday all med's formal footwear is on for 55% percent off rather ------ 15% off 5.5 If customers come in and ask about this sale, please----- and explain the printing error. Offer them an additional 5% off coupon to thank them for coming into our store. The coupon can be

with them and demand to receive the 55% discount. These cases will be handled on an

As of January 1st all new employees will be subject to a 3 month probationary period. Medical,

boliday, and fortime benefits will not easily to new staff members until the full 3 months have excised

After the three months have been commissed, please contact your employees and inform them that

their probatingary period has ended. The HR department will contact you by email 2 days in advance

Purchase a 12 month subscription to Vacation the Nation today and receive a free

pair of Surries Sunglesses with your very own soft leather case." To get your fre-

Purchase a copy of Vacation the Nation, New York's #1 Travel magazine. Fill out the

application card (found in the center of the magazine); Mail the card and \$21, 95 US

(Choost \$3 Canadian (Dhoost \$21, 95 US

This is a limited time offer only. Application and funds must be received no later than Dec 1st 2012.

Canadian residents should add \$3 US for shipping. Offer not available for residents outside of North

(A) Asummer Inp. (B) A travel company (C) Aspecial deal (D) Afree magazine

(A) Canadians (B) UK residents (C) North Americans (D) US residents

provide at least two details about the neighborhood and one reason why you can or can't

state, explain, and support reasons about your opinion. Your essay should not be more than

raceccox. Do you trink managers should trust employees to use time wisely, or do you trink it is smart of companies to block access to some sites? Provide reasons and examples to support your

The railroad was not the first institution to impose regularity on society, or to draw attention to the

importance of precise timekeeping. For as long as membants have set out their wores at daybook

neighbors as to the time of day. The value of this tradition is today more apparent than ever. Were it

massive daily transfers of goods, services and information would proceed in fits and starts; every

. An accepted way of measuring time is essential for the smooth functioning of society.

(A) whate is only the (B) only the whate is (C) is the whate only (D) only whate is the

(B) has the power (C) the power is

OUIZ: JANUARY - 2012

10.3 The fact money orders can usually be easily cashed has made them a popular form of

(C) to retard

(Chieffort

(D) which is

to pass laws

(D) of the power

D. Society judges people by the times at which they conduct pertain activities

and communal festivities have been celebrated, people have been in rough agreement with the

Q7. Respond to the mail as if you are trying to sell your house privately. Answer the questions are

Q8. Opinion Essay in this part of the test you will be asked to write an opinion essay in which you

given out even if the customer decides not to purchase any shoes. A) apologize (B) compromise (C) categorize 5.6 Please call a manager to the sales floor -----you encounter any customers who have the ad

individual basis.

(A)because (B) whether

From: Judy Linquiest, Human Resource Manager

6.1 What is the main purpose of this memo?

(B) To put staff members on probation.

(C) To introduce the HII departmen

6.2 When does the change come into effect? (B) In 2 days

FREE SUNGLASSES AND CASE

negotiate the price.

250 words in length.

Q10.Complete the sentences.

6.4 How much do the sunclasses cost?

(A) with a subscription (B) cost \$1

fabric of modern society would begin to unravel. 9.1 What is the main idea of the pessage?

. The traditions of society are timeless.

2 In line 4, the phrase "this tradition" refers to

B. Friendly relations between neighbors

C. The referred's referred on time arthodules

10.1 Refrigerating meats...... the spread of bacteria.

A. The practice of starting the business day at daw

D. People's agreement on the measurement of time.

(B) retarding

10.4 The first article of the United States Constitution gives Congress

10.2 Throughout the animal kingdom bigger than the elephant.

to remind you of the date. Thank you for your cooneration.

(A) To inform all employees of a new expiration date



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. Raipurajat Police Chowki, Farah, Mathura - 281122

February, 2012

Message from the Director's Desk ...

Chief Patrons

Mr Pravendra Yadav Chairman

Mr Sachin Vaday CEO & Secretary Mr Amol Yaday

Treasurer Ms Geetika Singh

Director General

Patrons Prof (Dr) K K Malviva Director (Academics)

Mr P K Bhardwai Director (Administration) Prof H L Verma

Director CRC (T & P)

Editorial Board

Chief Editor Ratna Pandev ratna@hardayal.in

Executive Editor Dr Amit Parashar amit_parashar@hardayal.in

Technical Editor Pawan Sharma

Student-Editors Mukesh Kr. Verma (MBA) Meenu (R Arch) Pradeen Kr. Chaudhary (B Tech)

Dear Students!

Change is a reality of life as Universe is a dynamic system. World has witnessed a sea change as never before. The phenomena is accredited to rapid growth and proliferation of computers and communication. The outcome has shrunken globe rendering the earth become a global village.

LPG (Liberalisation, Privatisation and Globalization) has expedited India also be part of wisdom in experiencing the said change. This facet has resulted in material aspects world-over leaving the countries borderless without boundaries. Movement of human resource from developing/populous countries to developed/thinly populated nations with

stagnant/negative population growth has been significant. This feature has encouraged Indian youth to grab the opportunity beyond the national limits and contribute constructively in individual and national growth. To enhance industrial capacity& capability of an individual/nation, make it compatible to

developed countries' concerns and acquire cutting edge competencies; one has to have ability to communicate in English Language of international Standard and posses caliber conducive to required commitment. This vision inspires our youth, students undergoing higher technical education to avail of the avenues, thereby, prove positive, pragmatic and progressive in accepting and excelling in such assignments.

This issue onwards, you will witness detailed description of one of the various tests vizTOFEL, TOEIC, IELTS GMAT, GRE etc to familiarise you with purpose, program, procedure and practices thereof. Quiz segment of the magazine will cover questions pertaining to that test, thus, displaying pattern of the test. Next issue(s)will cover a new test and quiz akin there to till all such tests are covered and completed. Name of the tests and purpose thereof is enumerated below :-

O TOEFL Test of English as Foreign Language. To apply for study at a University in US or license to work as a doctor or nurse etc.

O TOEIC Test of English for International Communication. To work in the international workplace.

O IELTS International English Language Testing System. To facilitate people wishing to migrate to English speaking countries viz. Australia, Canada, New Zealand, UK etc.

O GMAT Graduate Management Admission Test. To apply for admission to management schools in the

Ø GRE Graduate Record Examination. To study abroad, important for those who want to go for their post graduation & beyond.

Successful students may earn stipend for further studies abroad which varies in universities / institutions. Ouite a number of students have been found to pursue their studies by 'Earn while you Learn' program. Sustenance had

been widely successful as cost of study had been rather nominal in reputed/Govt institutions for those clearing the test visa-vis those seeking admission in private institutions. We envisage exposing our students with atleast one foreign language, fluent to read and write such that they derive advantage in their selection in job in that country or work in their MNC in India.

May God bless you in your ensuing endeavors. Wish you all the success

Truly yours,

Prof (Dr) K K Malviya Director (Academics)

TEACHER

Teacher is a Student is his He has the make them



Like suns ray A teacher is the messenger of goo Sent on earth our loving god He is honest about his intellectual

limitation He teaches us without any

hesitation

He teaches to us learn and write He teaches us about the mystery of

He is honest He is polite He is the one who gives us light

By burning like a candle at night At last I say teacher is Christ Who burn himself to give a bright

> Surendra S Tarkar (Asst Store Keeper)

DISCIPLINE



At a student's level, where there is cut-throat

competition and time is extremely precious, these can prove to be real obstacles to overcome. Selfdiscipline is something students should aim to achieve. It is not a commodity one can buy from the Only in a world of speculation. market. It is a rare quality which one has to inculcate, nurture and cherish from early childhood. Through self-discipline will come concentration which will in turn help a student to scale newer heights of academic excellence. Success will be theirs for the taking who value and practice self-discipline and abide by it at al

Temptations are always there. Only the forms of Moments and time is enough. temptations change. But those of us who learn the Time is wealth of change. subtle art of self-discipline and self-constraint, nothing can prevent us from attaining our goals in Mere change and no wealth. life. Lets us all aim to be a little more self disciplined from henceforth Like dew on the tip of leaf.

TRAIT THAT COULD GET YOU AHEAD

Customer service is to listen to the customers and serve them well, "If you

learn this, then life becomes a cakewalk in retail."

Riturai Yaday B Tech (CE), I Year

TIME - PRESENT AND PAST

Time present and Time Are both perhaps present in time future. And time future contained

in time present If all time is eternally All time is unredeemable. Remaining a perpetual possibility

What might have been is an abstraction What might have been and what has been Point to one end, which is always present Foot falls echo in the memory. Down the passage which we did not take Towards the door we never opened Into the rose garden.

The butterfly counts not month but But the clock in its parody makes it Let your life lightly dance on the edges of time. that worked

Pradeep Kumar Chaudhary B Tech (CSE), I Year

AKBAR'S TOMB

The grounds are a precise 690 m square, Every profession calls for distinctive common aligned with the points of the compass. personality traits that define a professional. In the retail surrounded by walls, and lay out as a sector, only the people at the top take decisions. So at the classic charbagh garden style. A gatehouse bottom rung, subordination is very important. "Freshers stands at the center of each wall, and broad paved avenues, laid out in Mughal style are inclined to have ideas and are eager to implement them early in their career. But this industry is not like IT with central running water channels representing the four rivers of Paradise, or ITeS where ideas can make a difference. Here we work lead from these to the tomb at the center of by templates. Unless there is hard evidence we do not the square. The south gate is the largest,

rush to make quick changes". So freshers must first learn to implement the set with four white marble chhatri-topped minarets which are rules and procedures. similar to those of the Tai Mahal, and is the normal point of A number of freshers who get into the retail profession leave their jobs in the entry to the tomb. The tomb itself is surrounded by a walled enclosure 105 m square. The tomb building is a four-tiered very first month. Says Mr. Ratan Rai, head of customer service at Anna Bazar: pyramid, surmounted by a marble pavilion containing the false "I have nearly 60 people on the floor at a time and most of them are freshers. tomb. The true tomb, as in other mausoleums, is in the Every weekend when we have our huddles, I find at least 10 of them want to basement. The buildings are constructed mainly from deep red quit. When I ask for the reasons, they tell me that they feel like they have no sandstone, enriched with features in white marble. Decorated inlaid panels of these materials and a black slate adorn the tomb and the main gatehouse. Panel designs are geometric, floral and This is an attitude problem which needs to be rectified at the earliest. calligraphic, and prefigure the more complex and subtle

Kuldeep Singh

MBA, I Year

Pankaj Kumar Kohli B Arch. I Year

designs later incorporated in Itmad-ud-Daulah's Tomb

SUCCESSFUL PEOPLE WHO FAILED AT FIRST



Albert Einstein: Most of us take Einstein's name as synonymous with genius, but he didn't always show such promise. Einstein did not speak until he was four and did not read until he was seven. causing his teachers and parents to think he was mentally handicapped, slow and anti-social

Eventually, he was expelled from school and was refused admittance to the Zurich Polytechnic School. It might have taken him a bit longer, but most people would agree that he caught on pretty well in the end, winning the Nobel Prize and changing the face of modern physics.

Charles Darwin: In his early years, Darwin gave up on having a medical career and was often chastised by his father for being lazy and too dreamy. Darwin himself wrote. "I was considered by all my masters and my father, a very ordinary boy, rather below the common standard of intellect." Perhaps they judged too soon, as Darwin today is wellknown for his scientific studies

Isaac Newton: Newton was undoubtedly a genius when it came to math, but he had some failings early on. He never did particularly well in school and when put in charge of running the family farm, he failed miserably, so poorly in fact that an uncle took charge and sent him off to Cambridge where he finally blossomed into the scholar we know today. Thomas Edison: In his early years, teachers told Edison he was "too stupid to learn anything." Work was no better, as he was fired from his first two jobs for not being productive enough. Even as an inventor, Edison made 1,000 unsuccessful attempts at inventing the light bulb. Of course, all those unsuccessful attempts finally resulted in the design Pramendra Dixit B Tech (ME), I Year

TWO FROGS IN THE MILK



This is the story of two frogs. One frog was fat and the other skinny. One day, while searching for food, they inadvertently jumped into a vat of milk. They couldn't get out, as the sides were too slippery, so they were just swimming around.

The fat frog said to the skinny frog, "Brother frog, there's no use paddling any longer. We're just going to drown, so we might as well give up." The skinny frog replied, "Hold on brother, keep paddling, Somebody will get us out." And they continued paddling for hours.

very tired now. I'm just going to stop paddling and drown. It's Sunday and nobody's working. We're doomed. There's no possible way out of here." But the skinny frog said, "Keep trying. Keep paddling. Something will happen, keep paddling." Another couple of hours passed.

The fat frog said, "I can't go on any longer. There's no sense in doing it because we're going to drown anyway. What's the use?" And the fat frog stonned. He gave up. And he drowned in the milk. But the skinny frog kent on paddling.

had churned the milk into butter and he hopped out of the vat. Moral: Never give-up keep trying success will be yours! Jai Yaday

MBA, I Year

THE BENEFITS OF A COLLEGE DEGREE



After working hard and earning it, the benefits of a college degree are forever. And as long as the degree continues to be relevant to the chosen career path, it's value usually doesn't fade The US Census Bureau estimates that a person holding a

bachelor degree can earn approximately \$2.1 million over 40 years of working.

The truth of the matter is one of the best benefits of a college degree is that the graduate can make over a millions dollars more than a neighbour with only a high school diploma. This notable disparity in lifetime earnings has raised the demand and boosted the

popularity of higher education. There are several benefits that you can rean due to having a college degree:

The first on our list of benefits of a college degree is that it guarantees your financial independence. It gives you stability as far as you income is

concerned. Being a professional in your field and being armed with a set of practical skills and sound knowledge can benefit tremendously. 2. No one ever knows what tomorrow will bring. Therefore, you should be

- prepared for anything. A college degree is a solid foundation, which can provide you with confidence and help you avoid financial setbacks. Earning a college degree gives you the opportunity to master your
- profession. Most of all, education helps you to keep a steady income and possible steadily increase. . Educated people have much more leeway and freedom of choice of career opportunities and also in the sense of moral and spiritual aspects.
- Higher education can provide you with the skills to see hidden implications and to analyze, generalize, and make conclusions. In short, it releases the

essence of being and helps increase your understanding of the way of the Privanka Dubev Asst Prof. School of Engg

MECHANICAL ENGINEERING



Mechanical engineering is a discipline of engineering that applies the principles of physics and materials science for analysis, design, manufacturing, and maintenance of mechanical systems. It is the branch of engineering that involves the production and usage of heat and mechanical power for the design, production, and operation of machines and tools.[1] It is one of the oldest and broadest engineering disciplines. The engineering field requires an understanding of

core concepts including mechanics, kinematics, thermodynamics, materials science, and structural analysis. Mechanical engineers use these core principles along with tools like computer-aided engineering and After a while, the fat frog said, "Brother frog, there's no use. I'm becoming product life cycle management to design and analyze manufacturing plants, industrial equipment and machinery, heating and cooling systems, transport systems, aircraft, water craft, robotics, medical devices and more. Mechanical engineering emerged as a field during the industrial revolution in Europe in the 18th century; however, its development can be traced back several thousand years around the world. Mechanical engineering science emerged in the 19th century as a result of developments in the field of physics. The field has continually evolved to incorporate advancements in technology, and mechanical engineers today are pursuing developments in such fields as composites, mechatronics, and nanotechnology. Mechanical engineering overlaps with aerospace engineering, building services Ten minutes later, the skinny frog felt something solid beneath his feet. He engineering, civil engineering, electrical engineering, petroleum engineering, and chemical engineering to varying amounts.

> Anui Pratap B Tech (ME), I Year

