



CampBUZZ

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Phone : +91-565-3080112

Website : www.hardayal.in

E-mail : director1@hardayal.in

A Monthly of **HARDAYAL TECHNICAL CAMPUS**

Message from the Director's Desk...

Exam Techniques, Tips and Tricks

"Life is not measured by the breaths we take but by the moments that take our breaths away, examinations could be ones." - Hilary Cooper

To score better, ideal is to solve last 10 year's papers of the examination concerned. Papers from previous years are stored in the library. Work through them. If you can't do a question, check that it is still in the syllabus (the modules change every 4 year, and it's always worth checking what is new). With a good revision plan you should be doing nothing in the last week before the exams except working through exam papers and examples sheets making sure you can do them.

I can't emphasise the importance of this enough. Anyone who doesn't work through past papers has very little chance of doing well in an exam. Oh - and do the past papers, and the examples sheets, against the clock. Time is short in an exam, you need to get used to thinking, and writing quickly. Get your hand trained up so it can write fast (but legibly, please).

By following these ten tips for taking an exam, you will soon begin to see your scores improve :-

1. **Be Positive.** Approach the exam as you would a jigsaw puzzle--put it all together one piece at a time. A positive attitude goes a long way toward success.
2. **Have a Plan.** If possible, ask the teacher what will be covered in the scheduled exam. Use note cards and write the most important facts on the cards. Highlight items that may take more time for you to study and plan plenty of time for studying the harder items that may be covered in the exam.
3. **The Night before.** If you have a plan, you will not be up all night cramming for the exam. On the night before the exam do a quick review and go to bed early.
4. **The Morning of Day.** Eat breakfast. Get to exam center early and look over once your notes right before the exam.
5. **Taking the Exam.** Make sure you understand the instructions on the test and how your answer books will be scored.
6. **Managing Your Time.** Scan through the question paper before you begin to write your answers. May answer the easy questions first or in the sequence of the paper. By answering the easy questions first, you allow yourself more time to concentrate on the harder questions.
7. **Answering the Hard Questions.** Don't worry or get frustrated by tricky questions. Make sure you understand the question and try to answer it the best you know how. However, if you cannot figure out the answer circle the question and come back to it after you have answered all the other questions. When you come back to the question and you still are not sure of the answer, answer the question by making the best guess that you can. Remember to only guess if you do not lose points for wrong answers.
8. **Short, Medium & Long Questions.** The answer to each type of question should confine to number of words it should be answered in. Speed & accuracy are both of essence. Thus, a balance between the two must be maintained. Tendency to over write well known questions should be controlled.
9. **Be Neat.** Make sure that your writing is legible and that you completely erase your mistakes. Key words be written in capital letters or it be under lined in case the hand is writing hazy.
10. **Finished!** When you have answered the last question, check to see how much time is left to reach the end of the exam. Use this extra time to review your answers. If you've got time left at the end, try remembering the mnemonic: ACUTE.

Assumptions (have you explained them all, even when not explicitly asked.)

Calculations (have you checked them all - doing things different ways if possible and time permits. Did you press those calculator buttons right? Do the answers to different parts of the question agree? Check, and check again.)

Units (have you written the units you're using? Do the units for all formulas make sense and agree - this is a very powerful technique for checking that your derivations are right and you're using the right formula.)

Truth (have you done all the parts of all the sections in the questions? If asked to make a list and explain why, don't just make a list. This is probably the biggest cause of unnecessary lost marks - read the question and answer the question, the whole question, and nothing but the question. Just like the truth in a court of law.)

Explanations (have I explained what I'm doing at all stages - good explanations will get marks for method even if the answer is wrong; miss out the explanation and you're throwing away easy method marks.)

"Recipe for success - Study while others are sleeping; work while others are loafing; prepare while others are playing & dream while others are wishing." Williams A Wards

At the end, I wish you 'All THE LUCK' in your End Semester Examination.

Truly yours,

With Best Wishes, Ever Yours,

Prof K K Malviya, Director (Academics)



INSIDE INSIDE

Exam Techniques, Tips And Tricks

Editorial Vaastu Shastra

The Problem : E-waste

Success

Green Revolution

Tips On Being A Successful Student

Self Assessment Stimulates Career Objectives

Data Interpretation

Quiz

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anita@hardayal.in

Special Editor
Dr Mahesh Chandra
maheshchandra@hardayal.in

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Indoor Air Pollution -A SERIOUS THREAT

Indoor air pollution is arguably one of the most overlooked threats to human health, particularly affecting young children who spend an estimated 80% of their time indoors. Studies released in the past few years demonstrate clearly that poor indoor air quality not only increases asthma symptoms but can also be responsible for headaches, fatigue, nausea, allergic reactions, hormone imbalances and liver, kidney or central nervous system damage. Evidence has even been found that it causes cancer.

A recent study of Public Health found that in many cases, the level of indoor pollution was twice that of outdoor (other studies have claimed as much as 5 times higher) and that the presence of these elevated levels of pollution significantly increased asthma symptoms in the children being studied.

We point out several of the most troubling aspects of this health threat. First, most people remain completely unaware of this lurking problem. And second, reducing people's exposure is notoriously difficult because one major source usually can't be isolated. Indoor air pollution can come from hundreds and even thousands of sources that have become so ingrained in our everyday lives; we no longer question them. They can include:

Household cleaning products, Cosmetics, Chemical pesticides, Chlorine from ordinary tap water (chloramines and Trihalomethanes (THMs) are formed when chlorine combines with organic substances like skin, hair, or bacteria (etc.) during swimming or showering), Synthetic fragrances (contain phthalates), Dry cleaned clothes (dry cleaning uses perchloroethylene which is carcinogenic), Secondhand smoke (contains 200 known poisons and 43 carcinogens),

Biological Pollutants (including mold, bacteria, viruses, pollen, dust mites and animal dander), Carpets and upholstery (bonding agents containing formaldehyde), Building and remodeling materials (including paint, lacquer, glue, particle board and plywood),

In the end, while all of these methods can work together to create a healthier interior environment and better overall health for ourself and family members, the real bonus is that many are equally beneficial to the planet.

Vaastu Shastra

“Vaastu Shastra defines the art of beautiful living & enhance the idea of positive planning of work place, house etc. Being one of the most ancient Indian forms of science, Vaastu Shastra has become one of the most religiously followed ways to a prosperous planning of a modern living.”



Bringing all kind of humanity together to form a healthy art of living, without any discrimination of caste & creed. Vaastu Shastra is surely the most followed art of living today.



Indian Vaastu Shastra, a science of position and direction is adhering to astrological rules and regulations. Vaastu is a spiritual medium to chase away the negative energy of the surroundings by

adjusting direction and location of bedroom, kitchen, bathroom etc.

Buildings and apartments designed by Vaastu shastra provides health, happiness etc. Moreover, we provide beneficial Vaastu Shastra Tips that bring prosperity and harmony in the life of individual.

To be contd. in nest issue.....

(Ar. S C Kushawah)

HoD School of Architecture

ENSUING EVENTS FOR THE MONTH OF DECEMBER - 2012

6th Dev.	Dr. B.R. Ambedkar Nirwan Diwas
10 & 14th	Commencement of ESE {MTU Exam.}
25th	X-Mas
31st Dec. to 14 Jan.	Winter Vacation



Happy X-Mas

Tips on Being a Successful Student

Chances are that if you are reading this, you are already a somewhat successful student. However, the higher up you go in the education hierarchy, the more strategies you will need to stay successful. Consider these tips :

Focus. This is the single most important strategy for success in both high school and college (and at work). Focus on what you want, on what you are doing, on where you are at the moment. If you are in college, focus on each and every class and assignment. If you are in Chem I, focus on that class, that assignment, that grade. Don't let your attention be diluted with outside interests until your schoolwork is completed. You won't do well in International Politics if you are fighting with your significant other or worrying about what to wear to the football game this weekend!

Prioritize. Education is your #1 priority at this time in your life. All decisions must be made around that priority. Sure, it would be fun to spend your time off at the beach, but not if you have to finish a term paper. And it would be fabulous to hang out with your sorority sisters until 4:00 in the morning, but not if you have a final exam on cell mitosis at 9:00 the next day.

Sleep. Get enough sleep and eat a balanced diet. This isn't advice from Granny; it is a practical, stay-healthy-and-you-will-do better-in-school fact. Junk food, binge drinking, doing drugs, and staying up all night do not create a successful scholar. Take care of you. Your success depends on it.

Participate. Go to all classes all the time. Skipping class is the best way to fail. Attend every class and be a part of each one. Ask questions, visit your professors during office hours and discuss class material with other students. It's your education...so be a part of it, and strive to be good at it!

While most are dreaming of success, winners wake-up and work hard to achieve it.

Pradeep Chaudhary

B.Tech 2nd Yr (CS)



Best Article

Self assessment stimulates career objectives

One of the biggest mistakes that individuals make in their careers is to go aimlessly through school or work in an entry-level position with no clear direction (goals). Finding a well-paying job or locating opportunities for advancement shouldn't be treated as an afterthought, rather one that has been planned and prepared for months or years.

There are two ways of starting off. One is to find out what you really like doing and do it irrespective of the gains and growth patterns and the second is to find out what really motivates you, find out which among the careers gives you what you want and build up competencies for it.

Based on your aspiration level and your aptitude, you can also identify the careers that offer the kind of lifestyle or returns that you wish. If you wish to frequently travel and be in command of a dynamic business you can zero down to careers in marketing with a goal to set up your own firm or to head a large company (the same may not be possible if you inherently like to paint for long hours). It is best to be honest with yourself at this stage because most people take decisions based on glamorous misconceptions about certain careers and later change them.

Having decided on a particular direction, build competencies. Specific careers need specific education and training. Whichever area you choose to be in, you will fare well if you strive to be the best in it. All careers without exception would certainly require a good writing and verbal communicating ability so please work on that, a pleasing and well-mannered personality, a professional work ethic and good inter-personal skills. Work on these important soft skills along with as you plan your career. Success is simple. Do what's right, the right way, at the right time



Climbing to the top demands strength, whether it is to the top of Mount Everest or to the top of your career – Abdul Kalam

Anita Pujara

Asst Prof., School of Engg.

Data Interpretation

Data interpretation, also known as data analysis, is a collection of methods used to derive useful information from collections of data. Data interpretation is used in any field that analyzes data, from chemistry to market research. Data are scientific measurements taken by observing the world. Raw data usually takes the form of a chart or graph. One common method of data interpretation is finding what the average or normal value for a set of data is. Once an average has been determined, scientists can see if that average changes as time passes, revealing a trend. Once a trend has been discovered, the next level of data analysis is to look for a reason behind the trend. Comparing multiple sets of data to look for correlations is one way to do this. A successful quality improvement initiative should be built on robust data systems, such as those used to create the State Snapshots. Before embarking on any effort to improve health care, staff will need to understand the strengths and limitations of the data, as well as the need to supplement these data with other available information. Ensuring the credibility of data is critical to any quality improvement program, particularly when multiple stakeholders are involved. Before State policymakers can implement changes based on problems identified in the data, stakeholders usually have questions about the data that may include the following:

What is the source of the information? Is it reliable?

Is any information missing?

When was the information collected? How have factors that might affect performance changed since the data were collected?

What adjustments have been made to address uneven distribution of disease prevalence, high-risk patients, or other factors that may distort performance reports?

Is other information available for the State (e.g., data collected internally or from other sources) that can supplement, update, or validate the data?

Is the condition being measured important and, if so, can actions be identified and taken to improve performance?

Agency staff will need to be able to respond to these and similar questions in order to gain support from other stakeholders in the quality improvement process.



Dr. Mahesh Chandra

Asso. Professor, School of Engineering

Happenings.....

December-2012



Amicable Environment at HTC



Students jotting down tips to SCORE HIGH



Reviving lush green lawns, refurbished play ground and greenery multiplied



students en wrapped in writing up P.U.T.

THE PROBLEM : E-WASTE

Electronic waste is one of the fastest growing contributors to our waste stream. As more and more outdated electronic equipment ends up in landfill, the negative impacts of e-waste on the environment and humans will increase

Electronic waste can come in many forms including computers, photocopiers, printers, faxes, monitors, batteries and mobile phones. Some of these items can be highly toxic and environmentally damaging.

The harmful substances can be found in everyday e-waste;

Lead in cathode ray tubes and solder , Mercury in switches and housing , Arsenic in cathode ray tubes ,Antimony trioxide as flame retardant ,Cadmium in semiconductors , Cobalt in steel for magnets .

When e-waste is sent to landfill, poisonous substances can leach from decomposing waste and into the environment. These substances can seep into groundwater, contaminate the soil and enter the food chain. There is a risk that humans may develop health problems by coming into contact with the toxins. These include respiratory ailments, reproductive, developmental and nervous system problem

In 2008, there has been an estimated million computers in India that were already in landfill or sent to landfill. With over million computers being sold every year in India and only a small percentage being recycled, e-waste continues to be a growing problem for the environment.

"a problem well put is half solved."

Rakhi Verma

B.Tech CSE (2nd Year)



Success

You really can take control of your life and succeed. Unfortunately life does not come with a manual. Most people struggle through life and wonder why they never get anywhere. You do not have to be one of them. Your life should be yours to command. Learn how. I will give you fair warning here, becoming successful is not easy, otherwise more people would be successful.

. To achieve success you will have to change. If you are not successful then you are doing something wrong. One of the hardest things for us humans to do is admit when we are wrong, even to ourselves. So if you are reading one of my pages and it seems like I am pointing a finger at you then grit your teeth and keep reading.

I have made many of the mistakes in my life . Mistakes can be used to put yourself down (a bigger mistake) or it can be a lesson learned, which is no longer a mistake. Have the courage to be really honest with yourself.

Success is right, failure is wrong.

Ramkumar

MBA 1 year



Green Revolution

Green Revolution refers to a series of research, development, and technology transfer initiatives, occurring between the 1940s and the late 1970s, that increased agriculture production around the world, beginning most markedly in the late 1960s.[1]

The initiatives, led by Norman Borlaug, the "Father of the Green Revolution" credited with saving over a billion people from starvation, involved the development of high-yielding varieties of cereal grains, expansion of irrigation infrastructure, modernization of management techniques, distribution of hybridized seeds, synthetic fertilizers, and pesticides to farmers.

The term "Green Revolution" was first used in 1968 by former United States Agency for International Development (USAID) director William Gaud, who noted the spread of the new technologies and said,


Rishabhdev Yadav

MBA II YEAR




*The sun, the moon and the stars would have disappeared long ago...
had they happened to be within the reach of predatory human hands.*

- What is the minimum average return Venkat would have earned during the year?
(a) 30% (b) 31 Y4%
(c) 32 1/2% (d) Cannot be determined
- If Venkat earned a 38.75% return on average during the year, then which of these statement(s) would necessarily be true?
I. Company C belonged either to Auto or to Steel Industry.
II. Company D belonged either to Auto or to Steel Industry.
III. Company A announced extraordinarily good results.
IV. Company B did not announce extraordinarily good results.
(a) I and II only (b) II and III only
(c) III and IV only (d) II and IV only
- What can be said regarding the following two statements?
Statement 1: Honest Ltd. has the highest share in the UP market.
Statement 2: Aggressive Ltd. has the highest share in the Bihar market.
(a) Both statements could be true.
(b) At least one of the statements must be true.
(c) At most one of the statements is true.
(d) None of the above.
- What can be said regarding the following two statements?
Statement 1 : Aggressive Ltd. 's lowest revenues are from MP.
Statement 2 : Honest Ltd. 's lowest revenues are from Bihar.
(a) If Statement 2 is true then Statement 1 is necessarily false.
(b) If Statement 1 is false then Statement 2 is necessarily true.
(c) If Statement 1 is true then Statement 2 is necessarily true.
(d) None of the above.
- What can be said regarding the following two statements?
Statement 1: Profitable Ltd. has the lowest share in MP market.
Statement 2 : Honest Ltd. 's total revenue is more than Profitable Ltd.
(a) If Statement 1 is true then Statement 2 is necessarily true.
(b) "If Statement 1 is true then Statement 2 is necessarily false.
(c) Both Statement 1 and Statement 2 are true.
(d) Neither Statement 1 nor Statement 2 is true.
- If Profitable Ltd. 's lowest revenue is from UP, then which of the following is true?
(a) Truthful Ltd. 's lowest revenues are from MP.
(b) Truthful Ltd. 's lowest revenues are from Bihar.
(c) Truthful Ltd. 's lowest revenues are from UP.
(d) No definite conclusion is possible.
- If Elena Dementieva and Serena Williams lose in the second round, while Justine Henin and Nadia Petrova make it to the semi-finals, then who would play Maria Sharapova in the quarterfinals, in the event Sharapova reaches quarterfinals?
(a) Dinara Safina (b) Justine Henin
(c) Nadia Petrova (d) Patty Schnyder
- If the top eight seeds make it to the quarterfinals, then who, amongst the players listed below, would definitely not play against Maria Sharapova in the final, in case Sharapova reaches the final?
(a) Amelie Mauresmo (b) Elena Dementieva
(c) Kim Clijsters (d) Lindsay Davenport
- If there are no upsets (a lower seeded player beating a higher seeded player) in the first round, and only match Nos. 6, 7, and 8 of the second round result in upsets, then who would meet Lindsay Davenport in quarter finals, in case Davenport reaches quarter finals?
(a) Justine Henin (b) Nadia Petrova
(c) Patty Schnyder (d) Venus Williams
- If, in the first round, all even numbered matches (and none of the odd numbered ones) result in upsets, and there are no upsets in the second round, then who could be the lowest seeded player facing Maria Sharapova in semi-finals?
(a) Anastasia Myskina (b) Flavia Pennetta
(c) Nadia Petrova (d) Svetlana Kuznetsova
- Based on the information given above, the minimum number of volunteers involved in both FR and TR projects, but not in the ER project is:
(a) 1 (b) 3
(c) 4 (d) 5
- What percentage of members from among those who voted for New York in round 1, voted for Beijing in round 2?
(a) 33.33 (b) 50
(c) 66.67 (d) 75
- What is the number of votes cast for Paris in round 1?
(a) 16 (b) 18
(c) 22 (d) 24
- What percentage of members from among those who voted for Beijing in round 2 and were eligible to vote in round 3, voted for London?
(a) 33.33 (b) 38.10
(c) 50 (d) 66.67
- What is the percentage of vegetarian students in Class 12?
(a) 40 (b) 45 (c) 50
(d) 55 (e) 60
- In Class 12, twenty five per cent of the vegetarians are male. What is the difference between the number of female vegetarians and male non-vegetarians?
(a) less than 8 (b) 10 (c) 12
(d) 14 (e) 16
- What is the percentage of male students in the secondary section?
(a) 40 (b) 45 (c) 50
(d) 55 (e) 60
- In the Secondary Section, 50% of the students are vegetarian males. Which of the following statements is correct?
(a) Except vegetarian males, all other groups have same number of students.
(b) Except non-vegetarian males, all other groups have same number of students.
(c) Except vegetarian females, all other groups have same number of students.
(d) Except non-vegetarian females, all other groups have same number of students.
(e) All of the above groups have the same number of students. '
- What is the approximate cost per unit in rupees, if the company produces and sells 1400 units in the year 2007?
(a) 104 (b) 107 (c) 110
(d) 115 (e) 116
- What is the minimum number of units that the company needs to produce and sell to avoid any loss?
(a) 313 (b) 350 (c) 384
(d) 747 (e) 928
- Given that the company cannot sell more than 1700 units, and it will have to reduce the price by Rs.5 for all units, if it wants to sell more than 1400 units, what is the maximum profit, in rupees, that the company can earn?
(a) 25,400 (b) 24,400 (c) 31,400
(d) 32,900 (e) 32,000
- If the company reduces the price by 5%, it can produce and sell as many units as it desires. How many units the company should produce to maximize its profit?
(a) 1400 (b) 1600 (c) 1800
(d) 1900 (e) 2000



Aakriti Yadav
First
B.Tech (CS) - I



Neeraj Kumar
Second
B.Tech. EEE, 1 Year

Winners

Quiz : Nov, 2012

Solutions

1(c)2(d)3(c)4(b)5(c)6(c)7(a)8(c)9
(a)10(b)11(c)12(c)13(c)14(b)15(b)
16 (a) 17 (d) 18 (c) 19 (d) 20
(a)21(c)22(c)23(d)24(a)25(b)26(c)
27(a)28(b)29(b)30(a)31(b)32(a)33
(c)34(c)35(b)36(a)37(d)38(c)39(d)
40(d)