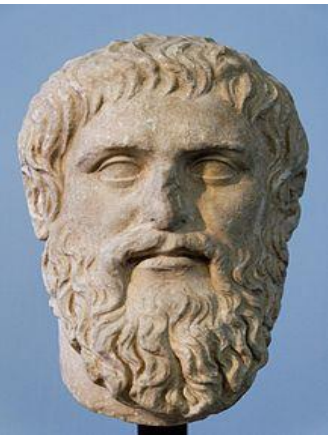
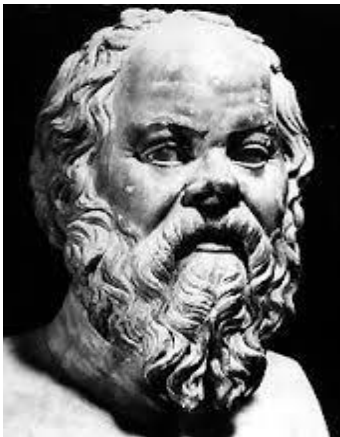




ISSUE 01

DECEMBER, 2014



Get Set KNOW!

ISSUE 01, DECEMBER, 2014

Editorial Desk

Dear friends,

I introduce you to the magazine of Get, Set, KNOW! First of all, you will think that why I launched this magazine. I use to write stories but did not get encouragement & attention I expected. An idea used to tickle in my mind that reminded me of Thomas Alva Edison. He used to sell newspapers on the train. So I got inspired and thought to start my own magazine with the Edison's theme in the great lives topic this month. Actually I wanted to express my ideas and others ideas so that the ideas will get dispersed to a wider area. You could also contribute your ideas so that this magazine could be a success. May you like this magazine and help it grow larger and larger, by sending ideas and thoughts for the magazine sections like Stories, Facts, Jokes, Current affairs, Sports, Great lives, Environment, Science, Wildlife. I believe it will receive more contributions from you (schoolmates) once it is started and that is my ultimate target. However, I think I will put a guest page for elders to maintain magazine's standard.

Editor

Master Muhammed Muaaz

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Contents

Quote	01	Drawing Gallery	06
Journey to Success	02	Space Science	06
Current Affairs	02	Travel & Leisure	07
I Wonder Why?	03	Solar Energy	11
Health & Nutrition		Puzzles	01
Healthy tips for kids	03	Quiz Wiz	08
Nutrition bites.... A , B, C.... Z	04	Riddles	13
Stories		Word Rip	14
A Frog in my Shoe	03	Sports	12
From the Outer Space	05	Great Lives	13
Adventure at the Treasure Island	08	The Quran	14
Mystery of the Diamond Ring	14	Wildlife	
Laughter Bombs	04	Nature for the Future	15
History	05	Sea Trees	16

QUOTE

Those who educate children well are more to be honoured than they who produce them; for these only gave them life, that art of living well. - **Aristotle**

Worthless people live only to eat and drink; people of worth eat and drink only to live. - **Socrates**

JOURNEY TO SUCCESS

Md. Shamim, Department of Chemistry, IIT Delhi

I, Md Samim Hassan am now a research scholar at Indian Institution of Technology Delhi. I did my BSc, MSc and M. Tech from Aligarh Muslim University. Like all Aligarhians I am also very proud to be an Aligarhian. AMU told me a lot of things-how to get success, how to faces problems, how to stand in good place after a series of failure. I believe there are three things are most essential to get success. First one is hard work. There is no way out to get success without hard work. But one thing is essential in this context that the hard work should be in proper direction. In this content the role of a teacher is vital to show the right direction. Second one is consistency. Without this success is very difficult. Third one is determination. A student should be very much determined what he wants to do and focus on this. In my student career I always focus in these three things. There many times comes in life when we do not get success though we deserve for that, in that time be confident and always believe in ourselves that we can do. I have good fortunate that in my bad time when I was completely depressed and loss faith on myself I got very good support from my teachers, family and friends. I believe that if a student is hard worker, have a good analyzing power, good consistent, believe on himself then success is sure for him.

CURRENT AFFAIRS

Muhammed Muaaz; V-B, The Blossoms & Aminul Islam; Department of Chemistry, AMU

* **Nobel Peace Prize Winner- 2014-** Kailash Satyarthi (India) and Malala Yousafzai (Pakistan) for their struggle against the suppression of children and young people and for the right of all children to education. Mr. Satyarthi is the seventh person of our country to win a Nobel Prize and the second to win the Peace Prize after Mother Teresa while Miss. Yousafzai is the second Nobel Prize winner from her country after Abdus Salam.

* **Rosetta Spacecraft: to Catch a Comet-** a spacecraft on a 10-year mission was launched on 2nd March, 2004 and reached the comet on 6th August, 2014 which becomes the first spacecraft to orbit a comet.

* **SpaceX's Dragon spacecraft** has concluded its mission to the International Space Station (ISS) and returned (28th October) to Earth after month long stay. SpaceX is the first private company to send a satellite into geosynchronous orbit. This was Dragon's fifth visit to the ISS and carried 20 mice that will now stay at the ISS to help researchers study the long-term effects of microgravity on mammalian physiology.

* The scientists of Defence Bio-Energy Research (DIBER), Haldwani in Uttarakhand, a laboratory of Defence Research Development Organisation, India (DRDO) has developed herbal drug **Lukosin**, for treatment of **leucoderma** (white patches on skin) and transferred the technology to AIMIL Pharmaceuticals for its commercial production and sale.

* The **Saint Helena Earwig**, last seen in 1967, has been officially declared extinct in the 2014 IUCN Red List.

* The National Tiger Conservation Authority (NTCA) has given in-principle approval for creation of **Guru Ghasidas-Tamor Pingla tiger reserve** in Chhattisgarh.

* **27 November 2014-** 93rd birth anniversary of Dr.Verghese Kurien (Father of the White Revolution) observed as National Milk Day in Gujarat

* Australian cricketer **Phillip Hughes** died (Nov. 28) at the age of 25 after he had suffered a severe head injury due to a bouncer during a match in a Sheffield Shield game in Sydney Cricket Ground.

* Justice still evades the victims while the disaster remains a continuing tragedy even thirty years after the **Bhopal gas tragedy** which often referred to as one of the world's worst industrial disasters. It was caused by a gas (containing highly poisonous methyl isocyanate) leak on 2-3 Dec. 1984 in a pesticide factory in Bhopal owned by Union Carbide India Limited- UCIL (sold to Dow Chemicals).

* Sania Mirza was appointed the United Nations Good will Ambassador for the South Asian region by UN Women to mark the International Day (Nov. 24) To End Violence Against Women.

Story **A Frog in My Shoe** Tamara Raza; IV -A, Kendriya Vidyalaya, Central University, Tezpur./Earlier published in Young Planet - The Assam Tribune.

One day I woke up in the morning and was getting ready for school. I tried to wear my shoes but I could not put my feet inside. I thought, "what's that inside my shoe?" I shook my shoes. Then I saw that there was a frog inside the shoe. I was very scared. I thought why the frog always entered my shoes only. And I never saw a frog like this. Earlier, I thought that it lives only in the forest but when I saw it here then I was very shocked. And the frog always enters my room and I have to keep my shoes in the upper rack.

All day long I used to think why the frog disturbs me everyday. When I go to sleep I dream about the frog. One day I saw a frog in my garden I was very shocked and there was not one but there were three frogs. I was very scared. Then I went to play with my friends. I saw one more frog. And in the morning I went to school I saw a frog. And when I came back from the school then I saw one more frog. And the whole night I thought about the frog that why the frog is around me all the time.

The next morning I went to school then I was thinking about the frog then suddenly I saw a frog and I was shocked and felt that I should do something. I came home and asked my father why the frog is around me. He told me that because you think about the frog the whole day, your mind stays on that thing only that's why the frog is around you.

Now I understand why the frog was around me. The first time I was very afraid but now I am not. The colour of the frog was grey with green spots. Sometimes it is small, sometimes it is big. My mother told me that some people eat frog. I will never wear a frog-coloured dress. My father told me that some people study frogs. Frogs make me laugh.

I WONDER WHY?

Muhammed Muaaz; Class V-B, The

Blossoms

Why the tiger did become the national animal of India?

The magnificent combination of grace, strength, beauty & power the Tiger has been the national animal of India since 1972. This honour was earlier given to the lion because the famous Ashoka chakra has four lions on it. However lions are only found in the Gir forests while the tiger is omnipresent. So in 1972, the tiger became the national animal of India. This honour also helped the tiger from extinction. As a result of poaching, the number had decreased. But in 1973, the Project Tiger was released and the population had increased once again.

HEALTH & NUTRITION

Healthy tips for kids

Dr Shaukat Ali, SR, Department of Paediatrics, JNMC, AMU

- Wash your hands with soap & water before eating and after using the toilet.
- Cover your mouth and nose with hankie or tissue when you cough or sneeze.
- Keep your hands away from your eyes and out of your mouth.
- Start the day with a healthy breakfast
- Eat slow
- Eat fruits and vegetables with each meal and as tasty snacks!!
- Drinks plenty of plain water
- Care for those teeth! Brush your teeth at least twice a day
- Enjoy talking and sharing the days happenings at meal time
- Get moving! Be active every day and play outdoor games

"An apple a day keeps doctor away"

Nutrition Facts

- ✓ Good source of soluble and insoluble fiber
- ✓ Vitamin C enriched
- ✓ Contains heart-healthy potassium
- ✓ B-complex vitamins (riboflavin, thiamin, and vitamin B-6)
- ✓ Delicious and crunchy apple fruit is notable for its impressive list of phyto-nutrients, and anti-oxidants. Studies suggest that its components are essential for optimal growth, development, and overall wellness.
- ✓ The nutrients present in apple are unduly present in the skin, which is the most valuable part of the fruit with respect to its nutrient substance.

Health Benefits of Apples

Often called as the "nutritional powerhouse", the potential health benefits they bring, with links to better and best health, together with prevention of many diseases. The vitamins present in apple are the key in maintaining red blood cells and the nervous system in good health.

- ✓ Apples contain antioxidant such as polyphenol and flavonoid that reduces the risk of cancer.
- ✓ The fibre content in it helps in regulating bowel movements which reduces the risk of colon cancer.
- ✓ Apples fruit helps in reducing cholesterol levels in the body.
- ✓ The apples reduce the risk of neurodegenerative diseases such as Parkinsonism and Alzheimer's.
- ✓ The antioxidants in it protect the nerve cells caused by oxidative stress which ultimately prevents neurodegenerative diseases.
- ✓ An apple a day reduces the risk of skin diseases. It also prevents digestive and liver problems.
- ✓ Apple cider vinegar used as beverage prevents the formation of kidney stone.
- ✓ Apples have been recommended for arthritis, obesity, gallbladder stones, bronchial asthma, gonorrhea, tuberculosis, anemia, insomnia, neuritis and halitosis.

Cosmetic Benefits of Apple

- ✓ Application of apple pulp on the face cures and improves acne.
- ✓ Keeping the apple pulp on the eyelids for 15 to 20 minutes reduces strain of the eyes.
- ✓ Paste made up apple leaves and used as shampoo cures dandruff, prevents hair fall and promotes hair growth.



Laughter bombs

Muhammad Bilal and Muhammed Muaaz; Class V-B The Blossoms

(Boss to Sardar)

Boss: Where were you born?

Sardar: India

Boss: Which part?

Sardar: What which part? Whole body was born in India.

(Grandfather to grandson)

Grandfather: Go hide! Your teacher is coming here because you were absent in school.

Grandson: No gramps you hide! Because I lied teacher that I was absent because you had died & I had to attend the funeral!

(Teacher to class)

Teacher: Who is the biggest fool in this class?

Nobody stood up.

Teacher: I will count till 10 1, 2, 3...

A student stood up

Teacher: So you are the biggest fool in this class!

Student: No sir, I want to say something.

Teacher: What?

Student: That you are the biggest fool in this class because you are the only one standing in this class!

HISTORY

Dr. Ghulam Nadri; Assoc. Prof. History Department, Georgia State University, Atlanta, GA.

The Greek Civilization: an introduction

The Greek civilization is one of the oldest civilizations in the world. It originated in what is present day Greece in south-eastern Europe and had a powerful cultural influence over a large part of the western world and parts of Asia. The civilization evolved over several millennia since the beginning of the Neolithic revolution in the 7th millennium BC but it actually flourished between the eighth and fourth centuries BC. The first Olympic Games were played in Greece in 776 BC, which marks the beginning of the classical period of the Greek civilization. Alexander the Great (died in 323 BC) was the last ruler of this classical Greek civilization. During this period, Greece went through extraordinary cultural advancements. Ancient Greek culture heavily influenced the language, art, architecture, politics, and philosophy of the entire western world including the Americas. Herodotus and Thucydides wrote the first historical accounts of politics and warfare in Greece and became the founding fathers of history. A major contribution of this civilization to the world was a system of government, which laid the foundation for the emergence of modern democratic nation states. In the middle of the second century BC, the Romans conquered Greece and with this the Greek political domination came to an end. The Greek culture, however, continued to influence the politics and society in the subsequent period.

Story

From the Outer space

Farhan Muhammed Khan; Class V-B, The

Blossoms

Once upon a time, in Saturn, there lived an alien named Soochung. He wanted to travel all over the Universe but his father didn't allow him do this because he was very young. One day he stole a spaceship from his father's garage and ran away. Unfortunately, after a few hours the fuel became low and he fell on Earth. He fell in the middle of the Amazon jungle. A traveller named Shadman saw him asked his name and who he was. He told him all about himself and where he lived. Shadman took him to a cave and told him to stay inside until day. The next day, Shadman called Soochung out of the cave and accompanied him to his home. On the way, a riot was taking place in which the bad side was great in number and the good side less in number. Soochung helped the good side and ended the riot. He stayed in Shadman's house till a week. After that, he went to the place where he had fallen to repair his spaceship but some parts were missing. Shadman said that his brother Farhan is a mechanic and he will give you the parts you need. Soochung asked him for an Inbince, Vinioice, pophter. He asked the meaning of these in English. He took out a tablet like thing and replied "Inbince is an engine, vinioice is a holder & ponther is a booster. Farhan searched for some spare parts of vehicles. After sometime, he gave him the parts. Soochung fixed the parts and went to complete his journey. After a few years he returned Saturn and told his father all about Earth and human lifestyle.

Drawing Gallery

Muhammed Zaid; Prep-D, The Blossoms



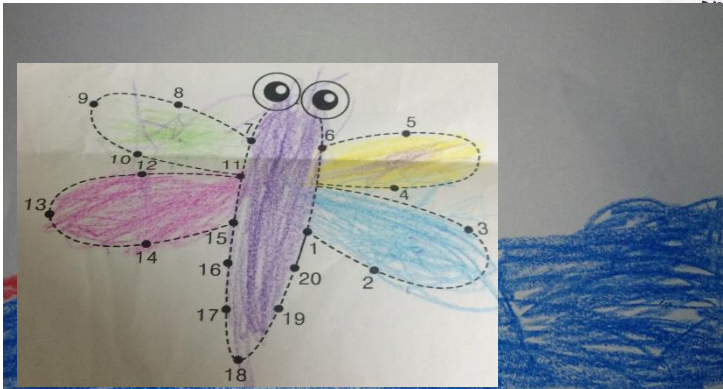
Sidra; V-B, The Blossoms



Madiha Anees; III-B, The Blossoms



Azwa Reyaz; Prep-A, The Blossoms



Nameera Khan; Golden lawn play school, Class 2, Korea

PICTURE STORY

Clever Cuckoo cheats Crow

Muhammed Zaid; Prep-D, The Blossoms



SPACE SCIENCE

Blossoms

Muhammed Muaaz; Class V-B, The Blossoms

Since landing of a spacecraft on a comet finds a place in the current affairs, it will be logical to tell more about comets.

Comets are space snowballs made of dust & ice that orbit the sun. The biggest collision between two solar system bodies seen by mankind occurred when comet Shoemaker- Levy 9 collided with Jupiter. Some comets appear at regular intervals like the famous Halley's Comet which returns every 75 years.

Meteor showers are produced when pieces of comet burn in the Earth's atmosphere which looks like shooting stars racing across the sky. Every year in the month of November, when Earth passes thorough a swarm of meteoroids called the Leonids, forms a spectacular shower. The Great Barringer crater, a meteorite impact crater about 1,200 m in diameter is located in Arizona desert of USA which was formed 50,000 years ago and today a popular tourist attraction.

Meteorites are bits of space debris that survive in hitting the Earth while Meteors are chunks of rock that burn in the atmosphere.

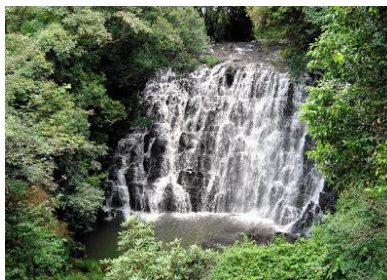
Asteroids are giant boulder of rock; some are so big that they have their own moons.

TRAVEL AND LEISURE

'SCOTLAND OF THE EAST'

Dr. M. A. Laskar, Asst. Prof., Deptt. of Chemistry, Jazan Univ Saudi Arabia

The resemblance to the landscapes in Scotland, has earned Shillong the title of "Scotland of the East". Shillong is located in

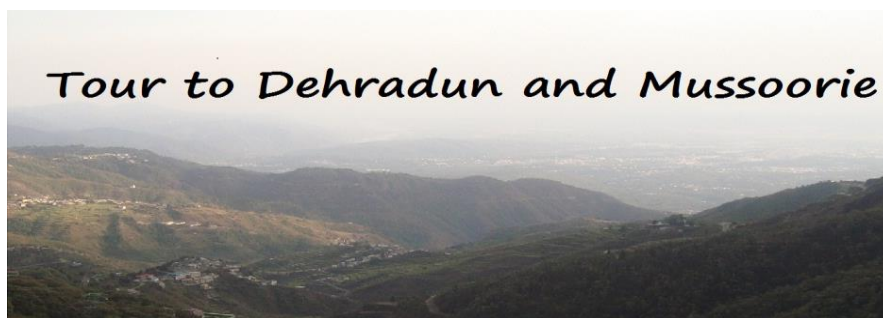


North East India, at an altitude of 4,990 Feet. Shillong was the summer capital of Eastern Bengal and Assam until 1864. In 1874, Shillong became the capital of the newly created province of Assam. Again, in

1972 when Meghalaya was separated as a new state from Assam, Shillong became the first capital of Meghalaya. Here, different languages are spoken, namely English, Hindi, Khasi, Garo and Assamese. The main religion is Christianity. Some other wonderful facts about Shillong - Terrace farming is practised in Shillong. It's a place of amazing waterfalls, namely Elephant Falls, Spread Eagle Falls, Sweet Falls and Crinoline Falls.

Muhammed Muaaz; Class V-B, The Blossoms

We had a three-day tour to Dehradun and Mussoorie last 2012 summer. Those days were very exiting. Dehradun is located in the Himalayan foothills. It also is one of the oldest cities of India. Some of my father's students also came



Tour to Dehradun and Mussoorie

in the bus. We stayed in a resort in Sahasrathara. In the morning, we had a yummy breakfast. Then we took bath in the sulfur water spring which surely rejuvenated our body and soul. In the



afternoon, we could not resist to visit to the Forest Research Institute. We saw a very big tree trunk and models of tiger, mountain, village etc. I was surprised to see the architecture of the building. We also went to vintage cars museum and Quranaic museum. The very next day, we did camping before leaving for the



stunningly beautiful Kempty Falls which is at a high altitude and surrounded by mountain ranges. There were zigzag roads and we really got scared looking down the deep valley. Our next destination was Mussoorie, a hill station also known as the *queen of the hills*. It was drizzling



in the evening when we were shopping in the mall road. I was amazed by the old library built in 19th century. The last day we experienced river crossing. We climbed right up to the hill top with the rope way in Sahasrathara and enjoyed discotheque and the brilliant view of the entire Sahasrathara from the hill top. On way back home, we took lunch at Rishikesh, which is a tranquil place and often claimed as the

'Yoga Capital of the World' where the Beatles (UK Music Band) came to stay in 1960. We enjoyed the pleasant weather sitting by the side of the Ganges, boating and bathing. We crossed the river

using Laxman Jhula, an iron suspension bridge and enjoyed spectacular views from the bridge. Finally, we returned home (Aligarh) in the early morning. There were absolutely no studies which was the best thing I liked the most.

QUIZ WIZ

Dr. Aftab Ahmad (Anesthetist, King Saud Medical City, Riyadh; Saudi Arabia)

1. First ever individual Olympic medalist of independent India
2. Can you name the organization run for children by Nobel laureate Kailash Satyarthi
3. Which fruit is recognized as the national fruit of India?
4. What is the name of the first manmade satellite send to space?
5. First lady to become judge in Supreme Court.
6. The first vice chancellor of AMU.
7. While Jaipur is known as Pink City, which city in Rajasthan is known as White City?
8. Which day is celebrated as World Literacy Day?
9. Who created Yahoo! search engine?
10. Which is the largest gulf in the world?

Story

ADVENTURE AT THE TREASURE ISLAND

Muhammed Muaaz; Class V-B, The Blossoms

Ch 1: Mysterious Box

I, Jim Morgan write this to indicate about the day when we sailed to the mysterious Treasure Island.

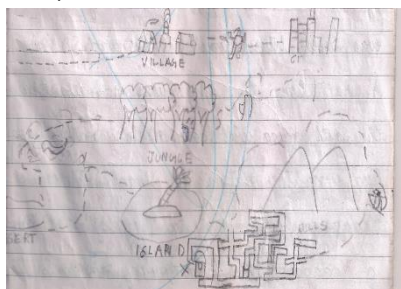
It began in the year 13AD. I was playing in the park with my friends, a man came. He said to play somewhere else because a house is going to be constructed here. So, we went in search of a new play ground. We went to the Fareeq Plaza's background to continue our play. After playing for



Treasure Island

a few Minutes, I tripped on a strange handle like thing. The next day, we started to dig in the same spot. We found a small box covered by a thick layer of sand. After cleaning the box, we saw an address of somewhere. It said; near the Maldives

behind Australia. Beware of my traps near Phantom Cave, Dragons live in the hills. You need to find the pine herb in the jungle to face the thorn devil. Here is a map of Treasure Island; the box was locked. I tried to open it with all the keys in the house! Frank gave me a very thin aluminium pin. I inserted the pin into the keyhole and box opened! The box contained a book and a paper sealed in every corner. Frank opened all the seals carefully. I read the book which contains the picture given below;



Ch 2: The Journey

It was about the paper or rather a map that how to travel. We were accompanied by one captain, Peter the cook, a physician, and all other workers. Our first stop was Portugal. For some time we watched bullfighting. After some day we thought to continue our journey again. The next stop was South Africa. A match was held between South Africa and Spain. At half time the score was

4-6. We thought the South Africa would lose. At last South Africa had won the match with an interesting finish. Our final stop was Madagascar. We went to the National Zoo of Madagascar. We found many animals like bears, giraffes, zebras, rhinos, buffaloes, elephants, lions etc. We camped there for three days but we were shocked to hear that Madagascar was under rule by Mozambique! We escaped from there. The journey to Treasure Island was very difficult. I thought

We started from our camping site to village. The surroundings gave me creeps. There were creatures like a zebra with a lion's head and a snake's tail, a monkey with elephant's legs and a crocodile's teeth. The book said "Go straight to the village. Beware of the Panchsinghattha. Frank thought seriously, 'What is this Panchsinghattha? We reached to an abandoned very old village. The village was filled with many broken statues. I spotted a strange creature. It had five horns and five legs. Frank shouted and said, "I think it is panc....ch...singh...Panchsinghattha!! `What? Are you sure?" He replied, Yes, *Panchsingh*" means five horns and "*hatta*" means hand in this colloquial language. Do you have any clue? I said, `How do you know this colloquial language?" Look there is a script written on the wall of this hut." Frank replied. It says,

İQ æ ɾɐ ʁɕɫɔ̃kɔ̃ ɖ ɕɐ ɯʝ ʝɜ ɕɐ

Ch 4: Robotic City

robots. The waiter said they must pay shells instead of rupees. Luckily, I had picked up a few shells from the seashore. We took 2 non veg burger, 3 pizzas, 2 chickens and five bowls of sp robot dog accompan next day.

RATE LIST			Shells	FOOD	NO.
Shells	FOOD	NO.	60	BUTTER CHICKEN	1
25	NON VEG BURGER	1	50	CHICKEN ACHARI	1
20	VEG BURGER	1	40	CHICHEN LOLLYPOP	10
35	VEG PIZZA	1	35	VEG TIKKA	5
40	CHICKEN PIZZA	1	35	MUTTON TIKKA	5
35	CHEESE PIZZA	1	30	HOT DOGS	10

The book said "Go straight" around the Petraticationin Castle treasure lists entry straight to the jungle." What is this Pe...trait..ct.. No ...Petraticationint... Petraticationin treasure list somehow related with the treasure chest for which we are in search of?" Frank whispered in the captain's ear." Maybe, it may be the entrance of the treasure. But the door is locked, how do we enter?" replied the captain. Our robotic guide told me to insert the horn of Panchsinghattha into the irregular key hole and the door opened! The entry was very dark and scary. The road ended few meters ahead from where we started. The robot dog sniffed in the air and started barking at the door intending to open it. I open the door and found a trail of stairs going deeper, almost reaching the depth of 15 m or even more. We started walking down until we found a loose brick at

the end of the stairs. I put my hand in the opening and pulled a small box. I opened the box and found a paper written

Stack of coins = 10 footfruits

Pile of coins = 100 footfruits

Bag of coins = 1000 footfruits

Box of coins = 10000 footfruits

Chest of coins = 100000 footfruits

Truck of coins = 1000000 footfruits

"What is this footfruits? Besides, how will we get so many of them?" Frank interrupted. I replied, "Perhaps we can find them in the jungle. But what is that shiny thing covered by one of the tree? Lets go there and see ourselves." Suddenly captain slipped on a strange key and the room transformed into a beautiful house in which we lived till the next day

Temple Hunt

We continued our journey to jungle. I saw a strange eerie shaped thing hanging hundreds of them almost in every tree! We picked all of them and looked for the shiny thing. The shiny thing revealed to form a huge golden and abandoned temple. The temple's walls were covered with ancient carvings almost 30000 years old! There were carvings of many mythical beasts. There was also a demon headed magical door. You would not believe that the door was cursed and a terrifying voice saying "Curse of the Rixer! Take them to the land of Haks, curse of the Rixer! Curse of the Rixer! The door opened and we went inside. Tunnels were built everywhere and lights were fixed on the roves. I was very confused and didn't remember from where I am going. Restrooms were found at every 5 kms. There were some cup noodles in small boxes enough for all of us. We reached in an inhabited peninsula where I saw strange creatures like Pegasus, Unicorn, Kapas (frog shaped creature) and Dragons. The biggest dragon was the Rixer. It was kept in a big cage and his hands and feet were locked by a chain. A metal plate was attached to its arms, legs, back and tail. Ultraviolet rays electrical rays, lighting and molten lava was damaging its power. Wires were fixed through his brain. The devils who lived there had tolerated the dragon for three months. A talking bird told us about it. Frank heard a thwacking sound. The huge beast started running here and there. Suddenly the ground started shaking. The Rixer had blown away a volcano. We escaped through a hole. We returned back to the temple. I was separated from my gang. I had brought a box and the book with me. While I was walking in search of my friends the box fell. While picking it I remembered to search for the pine herb. I flash sparkled from the opposite side of the temple. I saw a lotus almost 9 meters. In the water the spark came from the herb in the lotus. The lotus revealed a huge monument. Inside the water Mummies started chasing me when I went to touch it. At last I found the pine herb.

Deserted Devils

The book said "Go straight," take a left turn and go to desert. The desert was very hot like a frying pan. I knew that I must complete my journey without the book and map because all the beasts were trying to get the book map and box from me and not me. I saw an unidentified thorny creature charging towards me. I quickly placed the herb on my chest. Suddenly the herb went inside my chest. My skin became rough and brown. My hair became green and leaves started emerged out of my body. When the devil came leaves hit it cutting its body several times. But it started to hit thorns at me. Suddenly a flower emerged from my arm and spread out a gas which removed some of its thrones. I started to concentrate on my brain. Leaves, flowers and even fruits started emerging out and shooting at the devil automatically. At last devil turned into a cloud and disappeared in the ground. But it again emerged and turned into a tornado. I somehow escaped from it even when I couldn't run.

Underwater Rescue

I went in search of both the things "The Treasure" and my "companions". My next aim was to cross the dangerous Dragon Sea which was about 9000 kms deep. I saw a bottle with a note

written "Help" on it. I thought that the bonus stack of coins which I had taken from the Petrification castle will help me. Ten of the footprints were used from my pocket. Holding my breath, I dived into the water. I noticed that I could swim without drowning even if I let my breath go! I searched for the Phantom cave to search for the person who was in trouble. A huge crab was roaming around a very rare coral I fought with it to get the coral until I had defeated it. I had to fight with a jellyfish, sea snake and shark, to get to the cave with the help of the pile of coins bonus. The cave was filled with almost every type of traps. I crossed all of them and reached to face the Dragon King who was the elder brother of the Rixer. I saw many famous kings and warriors of stone locked in a cage including King Alexander, Gautam Buddha and Aurangzeb. The dragon had turned all of them into a stone. The "bag of coins" bonus helped me fight it. The tornado from which I fought had turned in a pretty shell. Inside was a pearl that turned the king's into life. I found the Titanic sank deep in the sea. I repaired it and set sail for the "Thunder" cave in the hills to find the monsters.

Monster Mansion

After I had completed the journey of crossing the Dragon Sea I found a very large castle of the monsters. The inside was freakier than a haunted house! Ghost like monsters started soaring below the roof. I was feeling like a scaredy cat roaming in the lonely street full of stray dogs! Mummies started chasing me holding sword and spears in their hands. I ran from there started to climb the 85926 km mountain with the help of the 'box of coins' bonus. Hundred of creatures were roaming in the high mountains. After climbing the mountain I saw a flag marking the last landmark of Treasure Island. But luckily, to get the treasure I must get through the hokland maze which was not so easy. I jumped from the mountain. I did not fear because I had brought a steel parachute with me from a market in robotic city. My final target was to cross the maze.

The Maze

I continued my journey to the maze. Below the list, a code was written- FORWARD LEFT FORWARD RIGHT FORWARD RIGHT FORWARD RIGHT FORWARD LEFT FORWARD RIGHT FORWARD LEFT FORWARD LEFT FORWARD RIGHT FORWARD RIGHT FORWARD LEFT FORWA FORWARD. I followed the ways given in the maze and reached to the treasure. I started to dig and find the box! A voice from a cave said "come inside me" I did as I was told.

Back Home

As the way I moved to get out the Treasure Island, I met captain and our workers sleeping under a tree. I woke them up and we reached our ship we went to Somalia but a storm knocked our ship but no one was hurt. At last we reached home. I distributed all the money and wished to never visit Treasure Island again.

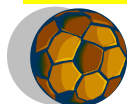
SOLAR ENERGY M.A. Khan, Assistant Professor, Department of Energy and Material Engineering, Dongguk University, Seoul, South Korea

The sun impinges huge amount of energy in the form of heat and light is called as a solar energy. Do you know "solar" is the Latin word which means "sun". You will surprised to know that the sun light shines in just one hour on earth if utilized could meet the energy requirement of entire one year of whole world? Generally solar energy can be used in two ways- as a heat source and energy source. The energy source in the form of electricity is obtained by special type of equipment known as solar cells or photovoltaics; they absorb solar energy and convert it to electricity. There are other ways of solar energy utilization which you might have in your mind. What gets you hot on summer days? It is solar energy. Why your car gets hot when parked in the sun with the windows closed? It is also due to solar energy. What charges your solar calculator? Solar energy. What makes the gigantic solar panels in satellites to work? Solar energy. What makes plants grow? What

makes the clouds that make the rain? You got it! Solar energy. What sets a blade of grass under a magnifying glass on fire? Yup, its solar energy.

Burning fossil fuels (Oil, Gas, Coal) for energy releases chemicals in atmosphere such as carbon dioxide, sulfur dioxide, nitrous oxide and volatile organic compounds causes health problems and smog and acid rains. So conserve electric energy by turning off, if you are not using a light, not using the computer, or if you are not watching the TV. By doing this you have also contributed on saving mother earth.

SPORTS



FOOTBALL FEVER

Aminul Islam; Assoc. Prof., Department of Chemistry,

AMU

You might hear about players like Neymar, Messi, Cristiano Ronaldo etc. who played in the last World cup. Let's discuss some Club football tournament and leagues famous world wide and other side of a footballer, Mesut Ozil (Germany; currently playing in an English club-Arsenal FC).

The Football Association Challenge Cup, commonly known as the **FA Cup**, is the oldest football club competition in the world (founded in **1871**) which is played on knockout basis in England. It is the tournament where sub-standard team become "giant-killers" by defeating top clubs. Arsenal is the current holders, having beaten Hull City 3-2 after extra time in the 2014 final. With their 11th FA Cup title, Arsenal is now level with Manchester United for the greatest number of title victories in the history of the competition.

The **UEFA Champions League** is the most prestigious annual club competition in European football, introduced in 1992 in its current format replacing **European Cup** which was founded in **1955**. Real Madrid (Spain) are the most successful winners of the competition (10 times) and the current holder. Raul Gonzalez was all-time top scorer (71 goals) but Messi (Barcelona) as well as C. Ronaldo (Real Madrid) have equaled only in Nov. 2014.

The four most popular professional country-wise league competition operated as round robin league format among top 20 clubs of the respective country are as follows according to ranking (UEFA's league coefficient)

La Liga (The League-The Spanish League; founded in **1929**) officially named for sponsorship reasons **Liga BBVA** (BBVA League) is the strongest league in Europe over the past five years according to UEFA's league coefficient. Real Madrid (32 times) and Barcelona (22 times) have dominated the championship. However, La Liga has seen other champions, including, Atlético Madrid (10 times; Current holder), Athletic Bilbao (8 times), Valencia (6 times), Real Sociedad (2 times).

The English Premier League (EPL) which is officially known as Barclays Premier League since it is currently sponsored by Barclays Bank. Each club plays 38 matches and run from August to May. Originally founded in **1888** as Football League and then changed in its current form as EPL since 1992. Manchester United have 20 titles, the most of any club and its rival Liverpool are second with 18 (However, have not won EPL or since 1990). Liverpool dominated during the 1970s and 1980s, while United dominated in the 1990s and 2000s under Sir Alex Ferguson. Arsenal is third; their 13 titles all came after 1930. Everton (nine) have enjoyed success throughout their history, and both Aston Villa (seven) and Sunderland (six) secured the majority of their titles before World War I.

Serie A, a professional league competition for Italian football clubs has been operating for over eighty years since **1929-30** and is considered the best league in the world in the '90s and has produced the highest number of European Cup finalists (a record 26 times and winning the title 12 times). Juventus, Milan and Internazionale are the most successful clubs and have won the title for 30, 18 and 18 times, respectively.

Bundesliga German football league founded in **1962** is contested by 18 teams. . FC Bayern Munich has won the title the maximum number of times (23). Other champions are Borussia Dortmund, HamburgerSV, Werder Bremen, Borussia Mönchengladbach and VfB Stuttgart. It is the number one football league in the world in terms of average attendance; its average fans per game during the 2011-12 season was the second highest of any sports league in the world and is broadcasted on television in over 200 countries.

Other side of a footballer - Mesut Ozil, a Turkish-German player Who played in the 2010 (lost to Spain in the semifinal) and 2014 (Winner) world cup for his country- Germany. In 2013, he moved to Arsenal from Real Madrid with a record fee which made him the most expensive German football player of all time. He is a practicing Muslim, recites Quranaic verses before every match and keeps fasting on non-match-day. He received the Bambi award in 2010 for being a prime example of successful integration within German society. As part of the Big Shoe project, Ozil donated his 2014 World Cup winnings to pay for 23 sick Brazilian children to have surgery as a "personal thank you for the hospitality of the people of Brazil.

Next topic: Indian football tournament, FIFA ranking & Indian Super League Football.

RIDDLES

Muhammed Muaaz; Class V-B, The Blossoms

Halloween

1. Why do owls sleep in the day? To attend Halloween parties at night!
2. In a Halloween bowling alley game, what is used in place of a ball? A skull
3. Why do skeletons do not attend Halloween parties? Because they have no-body to go with!
4. Why do mummies live in pyramids? Because they like pyramid- shaped buildings!
5. Why do vampires drink blood? Because they hate water & milk as they dislike white colour
6. Why do skeletons do not attend Halloween parties? Because they have no-body to go with!
7. Why do ghosts make good cheerleaders? Because they have lots of spirit!
8. Where do ghosts like to swim? The dead sea
9. Why do dragons sleep in the day? To fight Knights!

GREAT LIVES

Muhammed Muaaz; Class V-B, The Blossoms

Thomas Edison

You must have heard or read that Thomas Edison invented the light bulb. But do you know that he also is responsible for making the greatest number of Inventions?

Thomas Edison, also called the 'Wizard' was born in Milan, Ohio on February 11 1847. He was called by this name because he is responsible for the greatest number of inventions. The phonograph, the electric bulb, and motion pictures are the most famous among them. Edison had learned to speak at the age of 5. In school Edison often wandered in his thought and his teacher was tired by calling him 'addled' Edison developed hearing problems at an early age. The cause of his deafness was due to 'scarlet fever' and untreated ear infections. He was injured when his chemical laboratory caught fire and he was thrown out of the along with his apparatus. After years, Edison modified the story the injury occurred when the conductor lifted him on the moving train by the ears.

Edison sold candy and newspapers on trains. He also studied and experimented on train until another accident on the train. Edison began his career as an inventor with the improved telegraph as his first invention but the phonograph was the first invention to gain notice. This accomplishment was so unexpected that the public thought it was magical. Though this way Edison got his title 'the Wizard'

Story

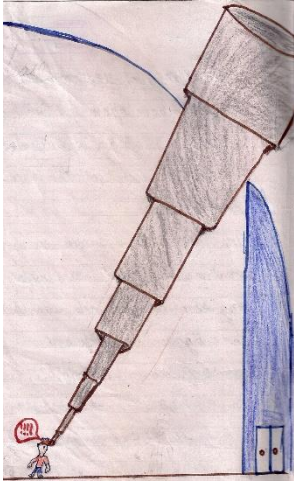
MYSTERY OF THE DIAMOND RING

Muhammed Muaaz; Class V-B, The

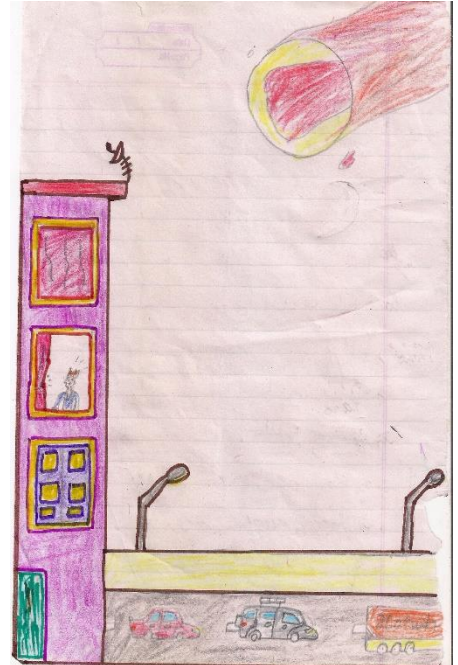
Blossoms

I, Jim Morgans again tell you about my second voyage to the Magical peninsula in search of a meteorite sample.

It was a bright sunny evening in the New York City. I just finished reading my book when someone knocked at the entrance door. It was none other than



Professor Stein. He asked me to come at the research centre in haste. He looked worried about something. When we reached at the centre, he told me to look in a super sized telescope. I was shocked to see a huge ball of fire shining in the dark sky. He told me that the ball was a massive meteorite which is falling towards Earth of its gravitational force. Darkness had faded when I was returning home. The meteorite was looking bigger than before. I went to sleep at 10'O clock. I woke up just at 2'O



clock in the night due to a loud noise like something falling from the sky outside my house. Suddenly the floor started to shake! I leaned at the window and saw that the meteorite had fallen far away. I went back to sleep thinking to solve the problem next day.

The next day professor told me that the meteorite had fallen on Mars and not on Earth. Instead a giant rock separated from the meteorite and fell on Earth. A group of scientists and explorers are Queensland peninsula to get a sample of that rock and we can also take a photograph of the crater of the meteorite on Mars through binoculars. I asked "can I accompany you?" I also want to see Queensland peninsula and the rock sample." Professor agreed and I started to pack my bags for our leave. Queensland peninsula was a few kilometres away from Norway. At 19th December 2015, we were ready to refill our ship's oil. **To be continued...**

The Quran

Dr. Darkshan Anjum, Reaserch Associate, Department of Islamic

Studies, A.M.U.

The Quran is the greatest gift of Allah to us. It is a complete book of guidance revealed to Prophet Muhammad (peace and blessing of Allah be upon him) through Holy Spirit Gabriel (A.S.). It contains 114 surah (chapters), 6236 verses (ayat) and 323621 letters. There are 90 surah which revealed in Mecca and 24 surah revealed in Medina. It was revealed in portions and completed approximately in a period of 23 years. Muhammad (PBUH) received his first revelation in ther cave 'hira'. The first five verse of 'Al Alaq' revealed to Prophet as his first revelation. The Quran deals matter related to social, political, historical, cultural and spiritual and so on. It is a guide and enlightenment for all mankind.

WORD RIP

Muhammed Muaaz; Class V-B, The

Blossoms

Try and make as many smaller words from the word- **STABILISED**

The most number of words will be featured as winners in the next issue.

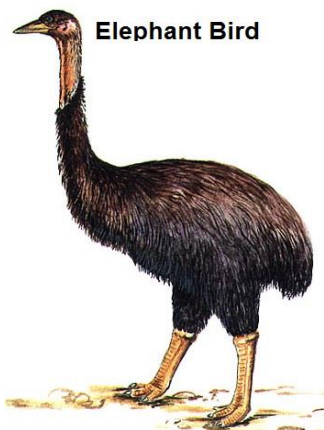
NOTE: e-mail to getsetknowmagazine@gmail.com with 'Word Rip' as subject. The winners will be decided on correct entries.

Wildlife

NATURE FOR THE FUTURE

Aminul Islam; Department of Chemistry, AMU

The movie 'Jurassic Park' reminded us of dinosaurs that once roamed the earth for almost 160 million years but disappeared completely about 65 million years ago. Actually, many species of both animals and plants had been wiped out and we will never get a chance to see them again except in pictures. Dodo, a flightless bird once found in Mauritius; elephant bird, the largest bird that ever lived on earth and whose eggs were 200 times bigger than a chicken's egg; large and thick flocks of the passenger pigeon of America; Huia bird, a melodious song bird of New Zealand; Tasmanian wolf, although resembled

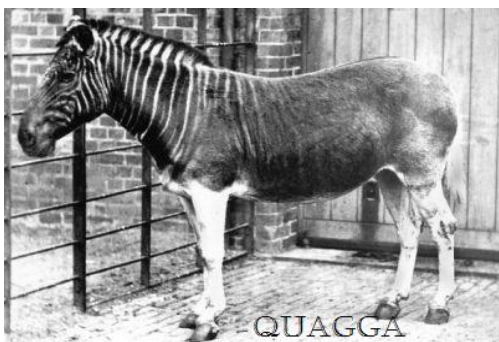


Elephant Bird

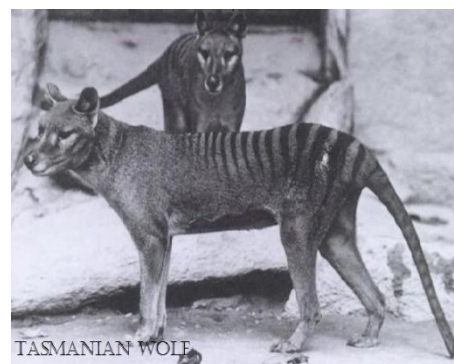


Passenger Pigeon

like a wolf and dog but actually a carnivorous marsupial; South African Quagga, the strange looking animal, front half of which looked like a zebra and back like horse; the gracious Caspian tiger and the Stellers sea cow -

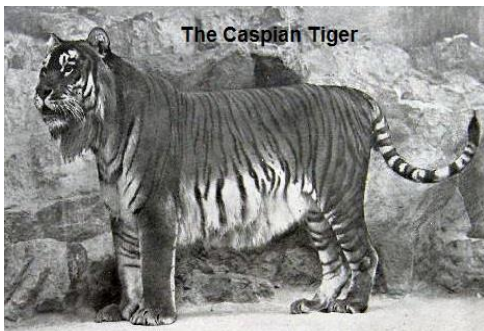


QUAGGA



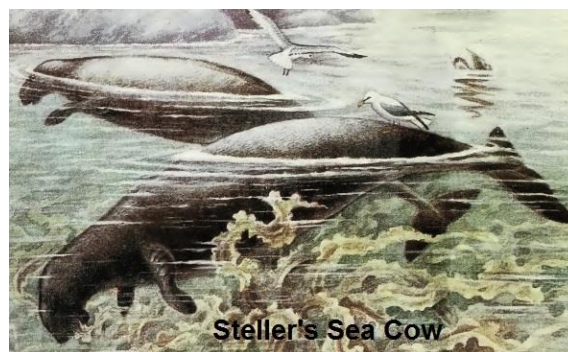
TASMANIAN WOLF

Sad to say there are no surviving members of these species anywhere in the world! This is what called as EXTINCTION and these animals are considered as extinct animals.



The Caspian Tiger

However, there are many species for which only a handful of members are left and are in danger of becoming extinct - they are



Steller's Sea Cow

termed as ENDANGERED species example of which are seven coloured tanager, the most beautiful of all birds, found only in Brazil's Atlantic forest; the



Honduran Emerald, a rare species of hummingbird; the ancient, flightless Kakapo of New Zealand which is the world's rarest and strangest parrot, the giant panda, the rarest member of the bear family which has become the symbol of World Wildlife Fund (WWF); tiger and many more... Have you ever thought of the reasons for their extinction? Main reason is the ever-increasing rate of human population- the population explosion! The world's population goes up by 10 million people every year and is

estimated to cross 10 billion by 2050. As a result, more and more land is being used for agriculture to provide food, cities to provide shelter, industries and so on, for which more forests are being cut. All these operations actually destroy the natural habitats of animal populations resulting in their

extinction. Environment pollution is another prime factor. Rapid climate changes, large volcanic eruptions and fall of meteorites are also assumed to be the cause of mass extinction. Efforts are on



across the world to protect and conserve all the species that face the threat of extinction. The International Union for the Conservation of Nature (IUCN) publishes the Red Data Books which contains list of rare species according to the risk that they face and information about their habits and monitoring programmes. IUCN together with WWF come up with the plan to make national park country-wise all over the world to preserve them.

Now it's your turn to generate awareness about the fate of endangered animals which will make you feel more responsible to conserve our mother nature for future generations to enjoy.

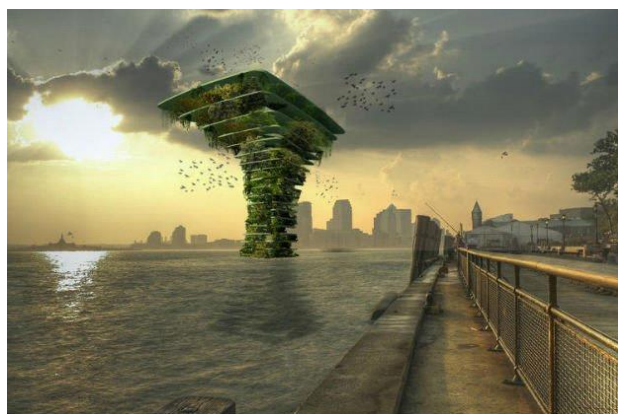
SEA TREES

Khairul Laskar; Doctoral Student, Department of Chemistry, AMU

"Sea Trees" offer protected city-living to wildlife.

A Dutch architectural firm has come up with a plan to give birds, insects and sea life new, protected habitats along city waterways and has set its sights set on Mumbai or New York for the prototype.

Let's face it- we're doing a horrible job at coexisting with wildlife. As cities are becoming more and more uninhabitable for the species that inhabited the land long before us, as development pushes them farther and farther out into rapidly reducing forests and woodlands. It's even thought to be the reason



diseases such as Nipah, Hendra, Ebola, Marburg, and SARS spread from wild bats to farm animals to us. Few months back, it was reported that populations of mammals, birds, reptiles, amphibians and fish have declined by an average of 52 percent over the past 40 years, with freshwater species down by a staggering 76 percent.

Each level of the tree-shaped platforms would support a different type of habitat, right down to a coral reef at the bottom, if the climate permits. Birds could come and go as they please, and build nests away from people, traps and roads. Cities aren't going anywhere any time soon, so ideas like this are going to become increasingly important.

QUIZ ANSWERS

1. KD JADAV
2. BACHPAN BACHAO ANDOLAN
3. MANGO
4. SPUTNIK
5. FATHIMA BEEVI
6. RAJA MOHAMMAD ALI OF MAHMOODABAD
7. UDAIPUR
8. 8TH OF SEPTEMBER
9. DAVID FILO AND JERRY YANG
10. GULF OF MEXICO