



# The Magazine

Be one step ahead

## Wise Thought

Successful and unsuccessful people do not vary greatly in their abilities. They vary in their desires to reach their potential.

Vol. 1

October 2019

### Attention Students!

We invite entries from the students to send us an "Essay" on the topic "Moral values learnt at home" in 150-200 words. Our panel of experts will evaluate the entries and the best one will be published in the next edition of our magazine with the photograph of the student.

#### Topic:

Moral values learnt at home.

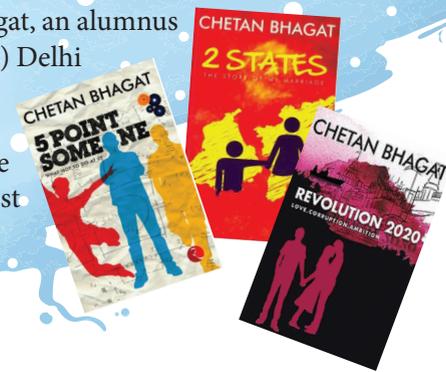
**Eligible Criteria:** students of classes 1<sup>st</sup> to 4<sup>th</sup>

### Author in Spot Light

Chetan Bhagat is an Indian author and columnist, known for his Indian-English novels about young middle class Indians. Bhagat is the author of bestselling novels, Five Point Someone (2004), The One Night @ the Call Center (2005), The 3 Mistakes of My Life (2008), 2 States (2009), Revolution 2020 (2011) and What Young India Wants (2012). Bhagat, an alumnus of Indian Institute of Technology (IIT) Delhi and Indian Institute of Management Ahmedabad, is seen more as a youth icon than as an author. Time magazine named him as one of the 100 Most Influential People in the World.



Chetan Bhagat



### News zone

July-September 2019

#### Sports

**September 07, 2019:** Canada's Bianca Andreescu defeats Serena Williams of US 6-3, 7-5 in final to win women's singles title at US Open tennis.



#### Art and Culture

**August 08, 2019:** President Ram Nath Kovind awarded the country's highest civilian honour, Bharat Ratna to former President Pranab Mukherjee, social activist Nanaji Deshmukh and singer Bhupen Hazarika during a ceremony at Rashtrapati Bhavan in New Delhi.



#### Politics

**August 05, 2019:** The Government of India scrapped Article 370 of the Constitution that grants special status to Jammu and Kashmir and proposes to bifurcate the state into two Union Territories – Jammu and Kashmir, which will have a legislature, and Ladakh, which will be without a legislature.

#### Science and Technology

**September 19, 2019:** The state government of Telangana has decided to declare 2020 as Year of Artificial Intelligence and thus will be organising various activities related to the emerging technology throughout the year.



#### Misc.

**September 18, 2019:** India successfully flight-tested the indigenously developed air-to-air missile Astra that was fired from a Sukhoi-30 MKI fighter jet. This missile is designed by the Defence Research and Development Organisation (DRDO).





Mission to the Moon.....

# Chandrayaan-2

Chandrayaan-2 is the second lunar exploration mission developed by the Indian Space Research Organisation, after Chandrayaan-1. It consists of a lunar orbiter, the Vikram lander, and the Pragyan lunar rover, all of which were developed in India. The mission was launched on its course to the Moon from the second launch pad at Satish Dhawan Space Centre on 22 July 2019 by a Geosynchronous Satellite Launch Vehicle Mark III (GSLV Mk III). The craft reached the Moon's orbit on 20<sup>th</sup> August 2019 and began orbital positioning manoeuvres for the landing of the Vikram lander. Vikram and the rover were scheduled to land on the south polar region of the Moon to conduct scientific experiments for one lunar day, which approximates two Earth weeks.

However, the lander deviated from its intended trajectory starting at 2.1 kilometres (1.3 mi) altitude, and had lost communication when touchdown confirmation was expected. Initial reports suggesting a crash, has been confirmed by ISRO chairman K. Sivan, stating that the lander location had been found, and "it must have been a hard landing".

On-going efforts were made by ISRO in hopes of restoring communications with Vikram. Both ISRO and NASA tried to restore communications through their respective Deep Space Networks. Communication attempts ceased on 21<sup>st</sup> September 2019, fourteen days after Vikram's landing attempt. The orbiter, part of the mission with eight scientific instruments, remains operational and is expected to continue its seven-year mission to study the Moon.

## Rajnath Singh becomes first Defence Minister to fly in Indigenous Tejas

Rajnath Singh becomes first Defence Minister to fly in indigenous LCA Tejas fighter jet. Defence Minister Rajnath Singh flew in the Tejas fighter aircraft from the HAL airport in Bengaluru, becoming the first defence minister to fly in the indigenously-built light combat aircraft (LCA). Wearing a G suit, the minister buckled himself in the seat behind the pilot in the aircraft. He was accompanied by Air Vice Marshal N Tiwari, who is also the Project Director, National Flight Test Centre, ADA (Aeronautical Development Agency) in Bengaluru.

Quiz Time?

In which year Indian Space Research Organisation (ISRO) launched India's first lunar probe Chandrayaan-1?

**Sindhu Trivia :** This Padma Shri award winner started playing from the age of 8.. she is the first Indian Women to win the Silver Medal in Olympics

### Golden Girl PV Sindhu..... A World Champion!

PV Sindhu became the first Indian to win historic gold by beating Nozomi Okuhara in BWF World Championships. In BWF World Championships 2019, World No. 5 India's PV Sindhu crushed higher-ranked Nozomi Okuhara in straight sets 21-7 21-7 in the women's singles final to win the elusive gold in her third successive final. Sindhu took a sweet revenge over Okuhara who had beaten her in the 2017 final that lasted 110 minutes. She became the first Indian to finish on the top step of the podium in the prestigious world meet. Sindhu finished with her fifth medal at the world championships. Sindhu had reached the final in 2017 and 2018 but ended second best on both occasions. In 2017, she was piped by Okuhara in 110-minute marathon in Glasgow. In the following year, Sindhu lost to Carolina Marin in Nanjing, China. However, in Basels, Sindhu was determined to clinch the elusive gold and she did it in style.



### Word Search

Locate and circle all the given sports person name that are hidden within the grid. Words can be written in any directions horizontally, vertically, or diagonally.

H	U	O	S	I	C	U	Y	E	W	M	A	A	W	O
S	H	T	F	W	R	D	O	T	V	I	R	J	H	O
V	D	A	V	I	D	W	A	R	N	E	R	A	I	P
R	I	J	K	E	N	D	J	U	T	P	X	Y	J	D
N	S	R	Q	D	C	A	P	R	V	Q	D	T	X	M
V	U	J	A	W	S	G	H	S	U	B	V	H	W	E
S	Q	O	H	T	N	C	I	N	Y	F	O	A	V	F
B	F	M	P	A	K	N	C	Y	H	U	X	K	L	F
Y	Y	Y	R	B	D	H	Q	J	Q	L	F	U	W	W
U	I	J	D	H	D	V	O	Y	I	R	E	R	F	S
C	A	H	U	X	W	K	O	L	Y	T	D	Q	G	J
B	I	N	O	H	D	S	M	U	I	G	W	N	R	X
F	S	R	F	Q	P	P	B	L	H	N	M	S	G	Q
J	T	I	A	R	S	Y	Y	W	J	P	J	M	D	U
O	A	O	U	B	D	R	E	X	A	B	C	C	Z	U

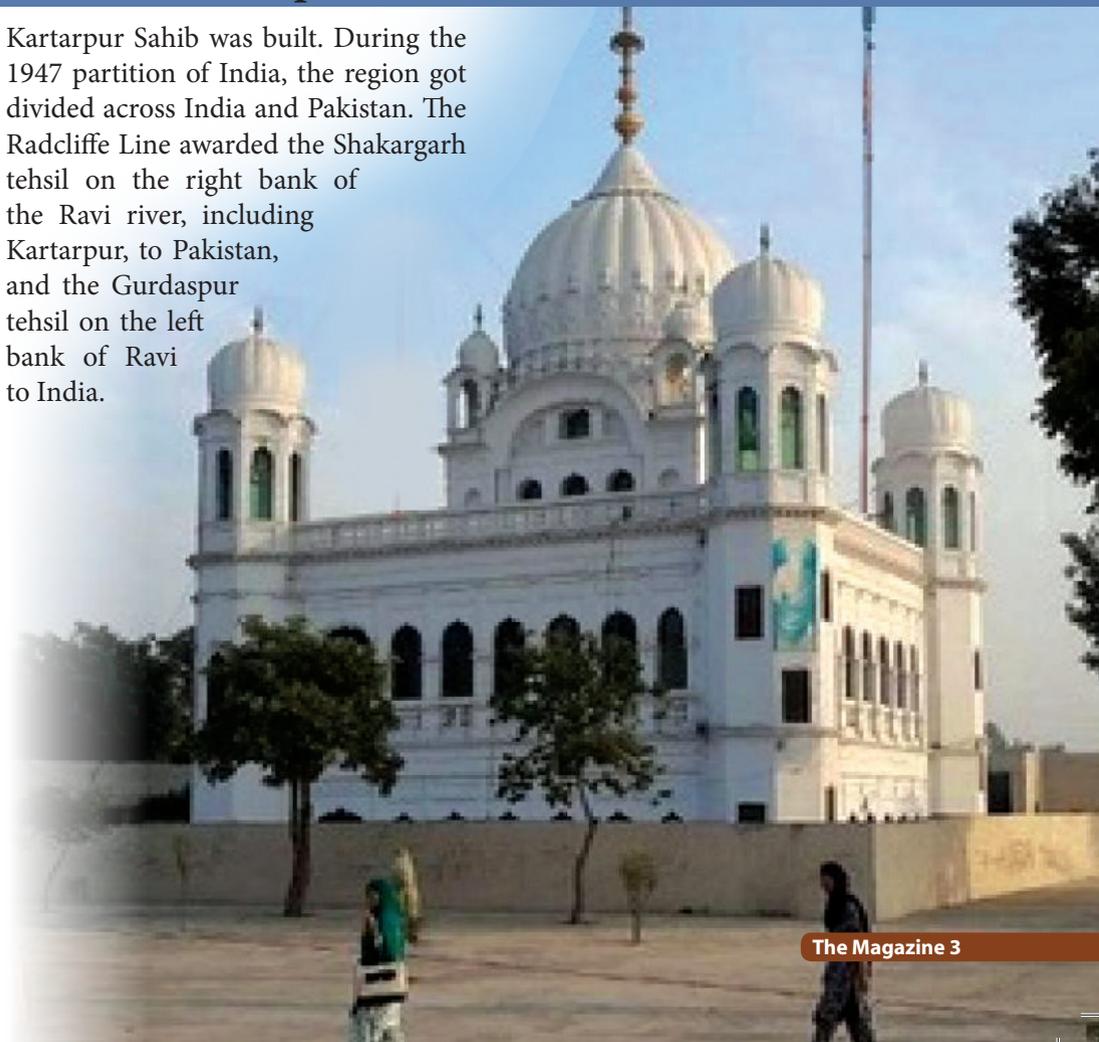
ਗੁਰੂ ਸਿੰਘਾਂ, ਚੰਦਰਕਾਂਤ ਸਿੰਘਾਂ, ਚੰਦਰਕਾਂਤ ਸਿੰਘਾਂ, ਚੰਦਰਕਾਂਤ ਸਿੰਘਾਂ, ਚੰਦਰਕਾਂਤ ਸਿੰਘਾਂ

## Nirbhau Nirvair Without Fear Without Hate Gurdwara Darbar Sahib Kartarpur.....A Famous Shrine

Gurudwara Darbar Sahib a famous shrine in Kartarpur Pakistan. This shrine will open its corridor for Indian Sikh pilgrims on November 9, 2019 three days head of the 550th birthday of Guru Nank Dev.

The first guru of Sikhism, Guru Nanak, founded Khartarpur in 1504 AD on the right bank of the Ravi River. The name Kartarpur means "place of God". Here all people, irrespective of their religion or caste, lived together, representing the first 'Sikh commune'. After his travels for about 20 years, Guru Nanak settled in Kartarpur along with his family. Following his death in 1539, Hindus and Muslims both claimed him as their own, and raised mausoleums in his memory with a common wall between them. The changing course of the Ravi River eventually washed away the mausoleums. But Guru Nanak's son saved the urn containing his ashes and reburied it on the left bank of the river, where a new habitation was formed, representing the present day Dera Baba Nanak. At the location Guru Nanak is believed to have died, the Gurdwara

Kartarpur Sahib was built. During the 1947 partition of India, the region got divided across India and Pakistan. The Radcliffe Line awarded the Shakargarh tehsil on the right bank of the Ravi river, including Kartarpur, to Pakistan, and the Gurdaspur tehsil on the left bank of Ravi to India.



Numbers everywhere...

# SUDOKU QUIZ

How to play:

1. Fill in the numbers 1-9 exactly once in every row, column, and 3x3 region.
2. Every row, column and 3x3 region should contain every number from 1-9 exactly once.

2	3	1	4	5				
7						8	4	2
		6	9	2	7			
		3		4			9	5
	2	9			1			7
1		4	5		6	3		
						9	5	6
6			1	8	9		3	
9	4	2	3					

## Safe in the Wilderness

### Special Tiger Force for Corbett Reserve Set Up

The Uttarakhand government has formed a Special Tiger Force for Corbett Tiger Reserve, this will serve as a second layer of protection for the big cat.

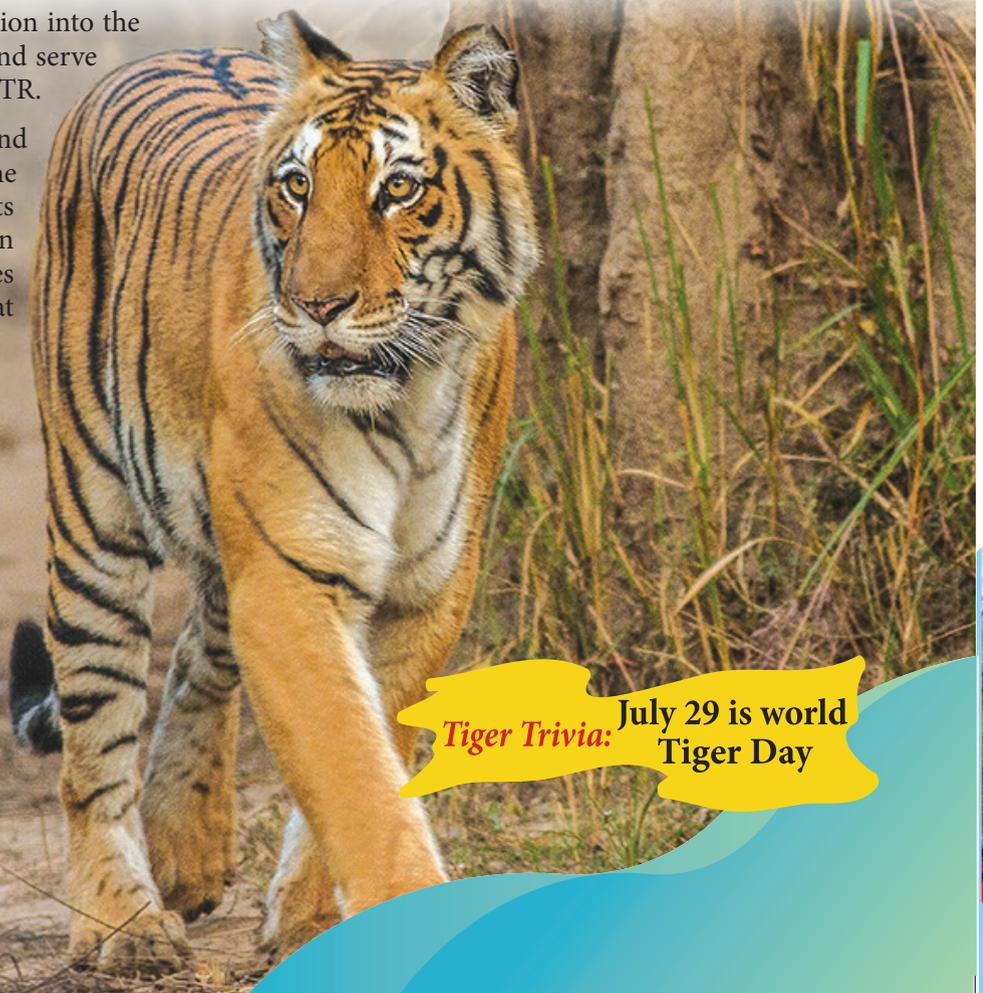
The decision to set up the force was taken by the State Cabinet. The STPF will be checking illegal human intrusion into the reserve through villages located on its fringes and serve as a second layer of protection for tigers at the CTR.

Illegal intruders from fringe areas have been behind poaching incidents in the reserve in the past. The need for such a force was felt by wildlife experts and conservationists for a long time. The decision is in line with Government of India guidelines for providing three-tier protection to tigers at reserves.

The first layer of protection is provided in the inner range by beat level forest guards through regular patrols. The second layer of protection is what the STPF will take care of.

The third layer of protection comes from intelligence-gathering mechanisms in which forest, police and central intelligence agency personnel work together to prevent crimes like the poaching of tigers. With the tiger population constantly on the rise at the reserve, the setting up of a dedicated force like this was needed. The STPF will indeed be of great help in conserving the population of 250 tigers at the

reserve. The STPF will be deployed at the maximum on the extremely sensitive southern fringe of the reserve bordering Uttar Pradesh through which criminal elements keep trying to intrude into reserve areas.



**Tiger Trivia:** July 29 is world Tiger Day



## When East Meets West Exercise Yudh Abhyas 2019

Yudh Abhyas is one of the largest running joint military training and defence corporation endeavour between India and the US. This is the 15th edition of the joint exercise hosted alternately between the two countries.

Exercise Yudh Abhyas provides an opportunity to the armed forces of both countries to train in an integrated manner at Battalion level with joint planning at Brigade level.

During the exercise, multiple scenarios are rehearsed with a view to understanding each other's organisational structure and battle procedures which would result in a higher degree of

'jointmanship'. This would further facilitate interoperability between the armed forces of the two nations to meet any unforeseen contingency across the globe. The exercise is aimed at countering the threat of international terrorism through mutual training and jointness.

Indian origin American soldier, Staff Sergeant Ranbir Kaur was also a part of the exercise at the Joint Base Lewis McChord that began on September 5.

## Nuakhai Juhar– Odisha's Harvest Festival

Nuakhai Juhar is also called Nuakhai Parab or Nuakahi Bhetghat and is a greeting exchanged on the special day. Nuakhai is a combination of two words, 'nua' meaning new and 'khai' means eat, it thus signifies "eating of new rice". People worship food grain on this auspicious day. Special meals are prepared and everyone eats it together. The farmers offer the first produce from their lands to Goddess Samaleswari, the famous mother goddess of Sambalpur district of the state.

Nuakhai is celebrated across districts like Kalahandi, Sambalpur, Balangir, Bargarh, Sundargarh, Nuapada, Jharsuguda, Sonepur and Boudh and also across several areas of Jharkhand. Several cultural programmes - folk songs and dances are organised on this day to display the state's local culture and tradition.



## New traffic rules under Motor Vehicles Act 2019

Higher traffic penalties have come into effect across the country from September 1, 2019 under the Motor Vehicles (Amendment) Bill, 2019, which was cleared by parliament last month. The new law aims to instill fear in people who violate traffic rules. The government has notified 63 provisions of the Motor Vehicles Amendment Act 2019, including the ones dealing with enhanced penalties for various traffic offences. An "intelligent traffic system" will also be installed to monitor offences. Common offences like use of mobiles, jumping traffic lights and driving on the wrong lane will be categorised as "dangerous driving".

ट्राफिक नियम तोड़ा तो भारी जुर्माना		
केस	पहले	आज से
नशे में ड्राइविंग	2000	10,000
बिना सीट बेल्ट	100	1000
ड्राइविंग के दौरान फोन	1000	5000
ओवर स्पीड	500	5000
बिना परमिट	5000	10,000
रेड लाइट जंप	100	1000

# The Green R's

## Reduce, Reuse, and Recycle

You may be familiar with the motto from the environmental movement, "Reduce, Reuse, Recycle." These three actions are all focused on reducing waste, whether through the conservation of raw materials and energy, or the reuse and recycling of products. You can do your part in reducing waste by watching what you buy and reconsidering what you do with it once it is no longer useful to you. There are also several simple habits to adopt that will allow you to consume less water and electricity. Being green isn't time-consuming, it saves you money, and gives you a sense of satisfaction from making environmentally friendly choices. The waste hierarchy consists of 3 R's as follows:



1. Reduce
2. Reuse
3. Recycle

### The First 'R' – Reduce Your Use of Materials and Energy

- Buy products with less packaging. Avoid single-serve or individually wrapped items.
- Take a reusable bag with you for shopping.
- Do without disposables. Disposables contribute large amounts of waste to our environment. They include things like plastic forks, knives, plates, and cups.
- Cut down on electricity use. Turn off or unplug any electrical appliances that aren't being used.
- Use less water.
- Try to walk, bike, or take public transit to school or work..
- Take the stairs. Not only it will save electricity, but you'll also get some exercise in. You also won't have to wait in line.

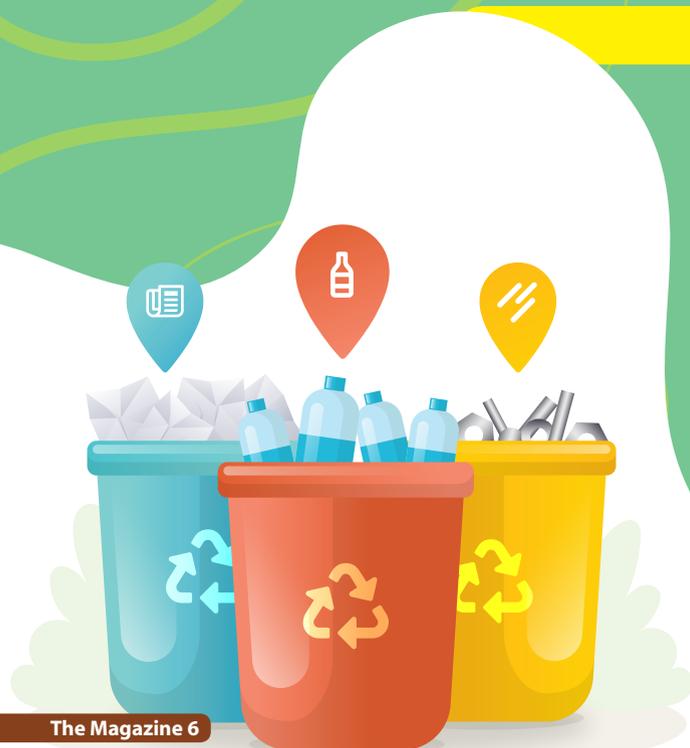
### The Second 'R' – Reuse a Variety of Goods

- Save packing materials.
- Donate used clothes.
- Purchase reusable products. Favour food products packaged in reusable jars, bottles, and recyclable plastic bins.
- Save plastic and paper bags. You can reuse them to carry your groceries or even as trash bags.

### The Third 'R' – Recycling

- Shop for recycled products.
- Sort your recyclables. Dry and wet waste should be disposed of separately.
- Take advantage of your local recycling center.
- Recycle old electronics. Computers, cell phones, tablets, stereo equipment, microwaves, and similar devices contain toxic metals and other chemicals. It's best to have these recycled to reduce their environmental impact.
- Compost your food and yard waste.

These three R's – reduce, reuse and recycle – all help to cut down on the amount of waste we throw away. They conserve natural resources, landfill space and energy. Plus, the three R's save land and money which communities must use to dispose of waste in landfills. Setting a new landfill has become difficult and more expensive due to environmental regulations and public opposition.



# Scholarship Test

Choose the correct answer for the following questions.

- The 5th International Ramayana Festival (IRF-2019) was held in which city?  
A. Kochi                      B. Lucknow                      C. New Delhi                      D. Chennai
- ISRO has signed pact with which organization for Gaganyaan project?  
A. VSSC                      B. NASA                      C. DRDO                      D. BARC
- Which state government has decided to declare 2020 as Year of Artificial Intelligence (AI)?  
A. Jharkhand                      B. Karnataka                      C. Himachal Pradesh                      D. Telangana
- Karan Vandana is a new hybrid variety of which crop?  
A. Maize                      B. Pulses                      C. Wheat                      D. Rice
- Which Indian diplomat has been bestowed the UAE's First Class Order of Zayed II award?  
A. Raveesh Kumar                      B. Navdeep Singh                      C. Suri Rahi Masoom Raza                      D. Syed Akbaruddin
- Ronaldo Laitonjam is associated to which sports?  
A. Hockey                      B. Boxing                      C. Football                      D. Cycling
- Who won the 2019 edition of men's singles US Open Tennis title?  
A. Novak Djokovic                      B. Roger Federer                      C. Rafael Nadal                      D. Daniel Medvedev
- The International conference 'ANGAN' has been organized in which city?  
A. Berlin                      B. Geneva                      C. Paris                      D. New Delhi
- Scientists have used which telescope to discover water vapor in the atmosphere of a super-Earth "K2-18b"?  
A. Extremely Large Telescope                      B. Hubble Space Telescope  
C. Astrosat                      D. Spektr-RG
- What is the 2019 theme of International Literacy Day (ILD)?  
A. Literacy in a digital world                      B. Reading the Past, Writing the Future  
C. Literacy and Multilingualis                      D. Literacy and Skill development

## Solve the Puzzle

### Solve the Sudoku.

Instructions:

- Fill in the numbers 1-9 exactly once in every row, column, and 3×3 region.
- Every row, column and 3×3 region contain every number from 1-9 exactly once.

5	3			7				
6			1	9	5			
	9	8						6
8				6				3
4			8		3			1
7				2				6
	6					2	8	
			4	1	9			5
				8			7	9

There are 3 doors in front of you. You have to go through one of them. Behind the first door, a fire is raging; a gunman lurks behind the second one; behind the third one, there is a lion that hasn't eaten in 3 years. Which door will you choose? why ? Give reason.



### Note:

The winner of the quiz will be selected by company panel of experts. He will be awarded ₹3000 as scholarship on his school fees. (Please refer page 8 for Terms & conditions.)

# Paper Cactus

**Note:**

Upcycle/recycle any old object cloth. Write down the steps of the said activity. Take a picture of it and mail to our email address or send by post. Best activity will be published in the next edition of the magazine. Last date will be 30 December 2019.

## ART ATTACK

### Material Required:

- Miniature clay pot, about 2” tall.
- Clay (any brown color).
- Craft paper punch, 3” circle.
- Star paper punch.
- Recollections card stock green paper.
- Red cardstock paper.
- Green markers, various shades
- Scissors
- Glue stick
- Craft glue
- Small stick (like matchsticks)

### Directions:

1. Fill the pot to the top with clay. or any brown paper.
2. Get six circles of your choice of green paper.
3. To make the cactus, fold each in half and crease. Each half circle is glued in a sandwich fashion, and lastly the two ends are glued together to make a complete fan shape.
4. Minimum of six circles, but more (to a point) would look even better.
5. Draw cactus lines on all sides with a marker.
6. Cut tiny spikes from leftover green paper and glue around the sides with a glue stick.
6. Paper cactus plant is ready for display.

### Entering the Competition

1. The Magazine's Scholarship Test (the "Competition") is open to children living in the India aged between five and Twelve years old ("You").
2. To enter the Competition, You should answer all 10 questions, the sudoku and puzzle published in the "The Magazine's Scholarship Test" of October Edition.
3. You can send your answers to us at: *Dachepalli Publishers Pvt.Ltd. Plot No. 2/B, (C.F. Area), I.D.A. Cherlapalli, Phase-II, Hyderabad-500051* with "Scholarship Test" in the subject line. You are responsible for the cost of sending your Competition entry to us.
4. You must provide your name, age and address, school name and school address and the name and contact telephone number of your parent or guardian while submitting your Competition entry.
5. You may only send one entry to the Competition.
6. We must receive your entry to the Competition by 11.59 pm, December 30, 2019.
7. The winner of the prizes will be the entrants with the most correct answers to the questions in the Competition.
9. If there is a tie, the winner and runners up will be chosen at random from the entrants with the highest (or next highest, where appropriate) number of correct answers in the Competition. Our decision is final and no correspondence will be entered into.
10. The winner will receive a Rs. 3000 as scholarship on his school fees.
11. The winner and the two runners up will be notified by phone on or before Jan 15, 2019.