THE TIMES OF INDIA

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TODAY'S

A good way to teach kids about money, is by letting them to handle and manage a small amount. Learn more on 'Money Matters'

Former President, APJ Abdul Kalam, fondly referred as 'Chacha Kalam' is an inspiration for all, cutting across age, gender and class



UCL 2022: Emery's Villarreal eye another giant-killing at Bayern

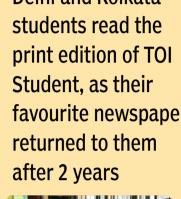


TOI Student Newspaper

TUESDAY, APRIL 12, 2022

Delhi and Kolkata students read the print edition of TOI Student, as their favourite newspaper returned to them













CLICK HERE: PAGE 1 AND 2

ELON MUSK \$100bn richer than Jeff Bezos

sla and SpaceX CEO Elon Musk is continuing to grow his status as the world's richest man, as his net worth is skyrocketing over the rest of the top earners in 2022. On the latest Forbes list, *Musk increased his net worth to \$282 billion, which is* over \$100 billion richer than Amazon founder Jeff Bezos, whose net worth is \$183.6 billion.



Musk was one of the biggest beneficiaries from the Covid-19 pandemic, as his net worth sat at just \$26.6 billion at the beginning of 2020. In 2020, Musk's wealth grew by over \$110 billion, which is the record for anyone in the history of Forbes tracking such numbers. The report mentioned that Musk gained another \$90 billion in 2021, as he knocked Bezos off the top of the Forbes rich list to begin the year.

Musk is now \$115 billion richer than LVMH CEO Bernard Arnault, the third-richest man in the world with a net worth of \$167.4 billion, the report said. He is also well past the numbers for Microsoft founders Bill Gates (\$134.2 billion) and Steve Ballmer (\$97 billion), it added.

Ozone may be heating Earth more than we realise: Study

most-important cooling mechanisms, making it a more significant greenhouse gas than previously thought. The study has revealed that changes to ozone levels in the upper and lower atmosphere were responsible for almost a third of the warming seen in ocean waters bordering Antarctica in the second half of the

The majority of this warming was the result of ozone increases in the lower atmosphere. Ozone, one of the main components of smog, is already hazardous as a pollutant, but research shows it may also **play a** significant role in driving climate change in the coming years

Ozone hit the headlines in the 1980s when a hole was discovered in the ozone layer high in the atmosphere over the South Pole, due to damage caused by chlorofluorocarbons (CFCs), a gas used in industry and consumer products. The ozone layer is vital as it filters dangerous ultraviolet radiation from reaching Earth's surface. This discovery led to the Montreal Protocol, an international agreement to

ecent research has found that ozone 20th century. The deep and rapid warming in the may be weakening one of the Earth's Southern Ocean affects its role as one of the main regions for soaking up excess heat as the planet warms. Researchers revealed that the increased ozone in the lower atmosphere caused 60 per cent of the overall ozone-induced warming seen in the Southern Ocean, far more than previously thought. halt the production of CFCs.

WHAT IS THE SIGNIFICANCE OF OZONE LAYER



Ozone is created in the upper atmosphere by the interaction between oxygen molecules and UV radiation from the sun. In the lower atmosphere, it forms due to chemi-

cal reactions between pollutants like vehicle exhaust fumes and other emissions

Changes in ozone concentrations in the atmosphere affect

westerly winds in the Southern Hemisphere as well as cause contrasting levels of salt and temperature close to the surface in the Southern Ocean. Both affect ocean currents in distinct

ways, thereby affecting ocean heat uptake

Ozone air pollution, at ground level where humans breathe, causes serious health problems

WhatsApp turns off 'media visibility' option for disappearing chats

eta-owned WhatsApp has now turned off the option of "media visibility" for disappearing chats on WhatsApp for Android, which lets people view media in their phone's gallery. According to WABetaInfo, the new move is to ensure a better privacy experience when using disappearing messages and to help keep media more private in disappearing chat threads. In addition, the messaging platform is also rolling out the same change on WhatsApp for iOS, where the option 'Save to Camera Roll' is automatically turned off for disappearing chats. In this case, images, videos and GIFs are never automatically saved in a user's camera roll if the general setting is enabled.

■ Users can still save media manually in disappearing chats. Some users on certain versions of Android already have an option to manually save media



- On WhatsApp for iOS, users can save media as normally users do
- The changes are rolled out to all users on beta and public builds, and full activation to everyone may happen soon

Babar Azam overtakes Tendulkar on list of all-time ICC ODI batting rankings

Pakistan skip-per Babar Azam is the man in form at the moment. The 27year-old recently featured in the all-format series against Australia and was amongst the highest run-getters in all three formats. Now, Babar has added another feather in his cap by going past Sachin Tendulkar.

Babar has overtaken Sachin Tendulkar on the all-time ICC ODI Batting rankings list. Tendulkar, with 887 points, was placed at 15th position. Babar, who is now on 891 points, courtesy his superb show vs Australia, has replaced Sachin

ON RECORD BOOKS

West Indies great Sir Viv Richards is in the first position with 935 rating points and is followed by Pakistani legend Zaheer Abbas (931), former Australian skipper Greg Chappell (921), Englishman David Gower (919) and Australia's Dean Jones (918). Former Indian skipper Virat Kohli is in the sixth spot with 911 rating points under his belt

Mushrooms can talk to each other and recognise up to 50 words

ill date, we have heard about food robots, but did you know even plants can talk like humans and understand words? Yes, you read it right. If reports are to go by, a latest study states that mushrooms can talk to each other and recognise up to 50 words. A study of the electrical activity of four species of fungi has found that the spike clusters resemble human vocabulary of up to 50 words, with the information being passed along fungal roots called mycelium. The research states that electrical impulses are structurally similar to human speech and resemble the vocabulary of dozens of words. According to researchers, it has been found that the impulses increased when wood-digesting fungi came into contact with wood, suggesting fungi may use electrical transmissions to share information about food or injury.

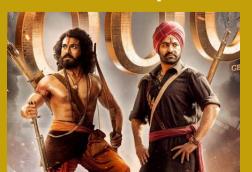
As per the research, the average length of each 'word' was 5.97 letters, of which the English language averages 4.8 letters per word, and that it showed fungi had minds and a consciousness

If we go by the research, it is assumed

that spikes of electrical activity are used by fungi to communicate. It was also found in the research that the size of fungal vocabulary can be up to 50 words. However, the core vocabulary of most-frequently used words does not exceed 15 to 20 words



made history. Just as it entered week three in theatres, it added yet another zero to its numbers by crossing ₹1,000-crore worldwide. The Ram Charan-Jr NTR movie has thus joined the coveted club that features 'Dangal' (₹2,024 crore) and 'Baahubali: The Conclusion' (₹1,810 crore). Interestingly, it has become the third Indian feature film to attain this feat globally.



'RRR' is a fictional story based on the lives of real-life freedom fighters Alluri Seetharama Raju and Komaram Bheem. In the film, Ram Charan portrays the role of Raiu, while NTR Jr plays

> The film is reported to be

one of the most-expensive films made in India with a budget of over ₹ 450 crore. Produced by D V V Danayya of **DVV** Entertainments, it also stars Bhatt, Samuthirakani, Ajay Devgn, Ray Stevenson, Alison Doody and Olivia Morris in pivotal roles

TUESDAY, APRIL 12, 2022

Introducing inflation to classroom

Time for some auction action!

Teacher to auction goods to a classroom of bidders. With this activity, students will define money and inflation, and describe the relationship between the supply of money and inflation...

Materials needed



FOR THE AUCTION: You need to distribute money (Monopoly notes) to students. Distribute ₹10 to ₹10,000 monopoly notes among children. Teachers have to ensure that it is unevenly distributed so that some groups (can make 4 groups of 10 students each) get more than the other.

■ Two sets of three identical items for two auction rounds; items should be of interest to students, for example, a candy bar, a fun gadget, a stationery set.

Preparation

Divide the Monopoly money so that approximately one-third is available for auction Round 1 and two-thirds is available for auction Round 2 before you start distributing them unequally to groups

GOING ONCE, GOING TWICE, SOLD!



Distribute the money to students in a random fashion. Make sure that the amount of money students receive is varied to ensure that someone wins the auction rather than it ending

Tell the students they will participate in an activity designed to help them understand the role of money in the economy. Explain the rules for the auc-

- ➤ Three items will be auctioned (by the teacher).
- > The highest bidder will win each item.
- The three items represent the total output of goods and services produced in the classroom economy.
- > Your group may not combine your money with anyone else's in the room.
- > Show the students the three auction items. Conduct the auction as follows:
- ➤ Invite the students to bid
- > Teacher sells each item to the highest bidder, and students note the final selling price of each item. Collect the money from the winner as part of the transaction.
- > Record the price of each item sold and calculate the total.

AUCTION 2

- > You will distribute additional money.
- ➤ You will auction three items identical to the ones from Round 1.
- ➤ If anyone has money left over from Round 1, he or she may use that money in this round. The "new" money is equal in value to the old money.
- ➤ Distribute in random amounts approximately double the amount of money distributed in Round 1 to each group.
- ➤ Conduct the auction as before.

NOTE: Prices should be considerably higher in Round 2. If students are not bidding high prices, encourage more bidding by reminding students that this is the on round and that their money cannot be used to buy goods and services outside t

Discussion points for teachers pre and post auction activity

BEFORE ROUND 1

What is money? Explain that money is anything widely accepted in exchange for goods and services. More precisely, the US currency is fiat money, which means it has no intrinsic value (no value of its own) or representational value (not representing anything of value,

• Why are you happy when you get money on your birthday? (Money buys goods and services.)

such as gold).

• Why do employees work to receive omoney? (Answers will vary but will likely include that people work for money so that they can buy goods and services.)

INFLATION

Inflation is an increase in the average level of prices in the economy, not the individual prices of a few goods. For example, while the prices of gasoline and movie tickets might increase, the prices of computers and baseball tickets might decrease. **Economists say inflation occurs** when "too much money is chasing too few goods." This is likely to occur when the money supply increases at a faster rate than the supply of goods and services produced in the economy.

Why do businesses accept money 4 for other goods or services? (Businesses accept money so that they can pay employees and buy other goods and services.)

Explain that money facilitates 5 Explain that money rachitates economic activity, but too much or too little money can cause

How would your spending likely 6 change if you had more money? (They would likely spend more

In general, is spending good for the economy? (Yes, more spending can



lead to more production of goods and services. More production can lead to more jobs and income for people. This chain of events results in an expanding economy.)

8 If more money results in more spending, and more spending can cause economic growth, why shouldn't the government continuously add money to the economy? (Answers will

AFTER ROUND 2

What happened to prices in Round 2 compared with those in Round 1? (Prices were higher in Round 2.)

• Were the goods in the auctions different in any way? (No, they Round 1? (No, the number of items was the same in both auctions.)

Why were prices higher in Round 4 2? (People had more money in Round 2, so they were able to bid higher amounts for the identical items than they could in Round 1.)

How would you summarise the 5 How would you summer and relationship between the money sum supply and prices? (The money supply and the prices of goods and services are directly related.)

Explain that the increase in prices between Rounds 1 and 2 is an example of inflation. Further explain inflation as follows: Inflation is a general, sustained upward movement of prices for goods and services in an



Age is no bar for ving on budget

n India, financial planning is one concept that individuals and corporates took ages to conceive. Even now, studies say 89% of salaried income group do not understand or find time to sit down and do proper financial planning. While working individuals and business owners are associated with the concept of financial planning, we clearly ignore a student being able to conceive this concept at a very early stage in life. Imagine the difference an individual may

Studies say 89% of salaried income group do not understand or find time to sit down and do proper financial planning

have in his/her life if this concept is infused at a very early stage. The early stage here could be at the start of teenage years, sounds fair doesn't it?

Livina on budaet

The most common issue the millennials face today is debt trap and that's hugely because at schools and at col-



Chief Mentor, Tale Tellers. Training the teachers with Tale Tellers Jr, Elizabeth comes in with over 10 years work experience in training and human resource management. She also has industry experience in the banking sector.

By Elizabeth Thomas

leges the focus on money management and financial planning is missing. As parents, we need to chip in here and get our children to live on budgets. This will invariable make the child conscious about his/her spending.

Self-funding studies

The culture of parents funding educational expense is a bit old school and we need to move on to make our children consider generating income and self-funding his/her educational expense.

The cool-

of telling their friends "Hey, I funded my own studies" and "I am a self-made individual" is going to be trending soon. Bit of motivation

Yes, motivation is free on YouTube and Google, but sound and sensible financial motivation is crucial. The whole process of financial motivation is automated once they taste the freedom and understand the importance of being financially disciplined.



TUESDAY, APRIL 12, 2022

It's not just a place where you get to learn Einstein's Theory of Relativity. It's also a place where you can think beyond the classroom. Hence we say, SCHOOL IS COOL!

03

THERE IS SO MUCH TO EXPLORE



There's so much to explore in science, Almost everything works because of it, Even our electric appliance, We can fly in the air up high,

Due to airplane, They're also a part of science.

We do online class, But we still complain.

At least we are able to study, Think about those who cannot.

And also, if it weren't for science, There would not have been much.

Instead of complaining, I guess we should focus,

And sometimes sing hocus-bocus. Maybe one day due to science,

We can fix the past won't take time. To go to another place,

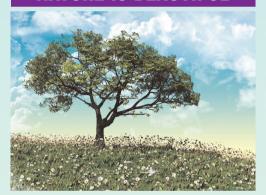
Maybe we can teleport right in front of the airport, Who knows?

Cause science can do anything, Even go to the sun,

Science is magical.

BHAAVYA GARG, class VII-D, Delhi Public School, Miyapur, Hyderabad

NATURE IS BEAUTIFUL



Nature is mighty, Nature is strong, Nature is beautiful, Nature is colourful, It is full of colours,

We should thank god for all things he gave us thank you, god,

Thank you, god, for all things you gave us. We love you and the nature the beautiful nature,

We all love you we all love you. There are many things in the nature, It is all bright and colourful, Bright and colourful, bright and colourful.

The mountains are strong, flowers are beautiful, How good it looks, how good it looks.

We should be happy that we got all of these. We should once again thank god, We should once again thank God.

SHREYASI MALHOTRA, class V, Jain Heritage a Cambridge School, Kondapur



ince the pandemic, the coming a part of their routine again. Avenues Indu Harikumar, Pre school has been more for socializing and making new acquaintancoverwhelming than ever es were opened up and the school became that **Primary Coordinator,** before. The hustle and invested place of learning. Little did we know Gitanjali Devshala School bustle of school life was finally that this was the much-required booster dose relieved by the students and we all had been waiting for. staff. Myriad emotions were running high through the chaotic morning at home and school, which involved the rushing parents with their children in tow, the dash to the school bus, the snarls of traffic, and the sound of the school bell. There was comfort in all chaos that was sorely missed by the teachers, parents, and the children. It was a new beginning, the school wore a festive look, and the flavours of Ugadi were witnessed on the school campus. There was anxiety, joy, excitement, confusion, fights, and tears. Emotions were unmasked and school once again became that supportive, nurturing environment for the child's holistic growth. The school was SCHOOL abuzz with activities to stimulate their cu-riosity with art, craft, music, and games be-

An informative trip to NIN



Stalls on Satellites & Spacecrafts, Balanced Diet, Diseases & DNA Educate Visitors

tudents of classes IX and X of Sri Gurudatta High School visited the National Institute of Nutrition (NIN), ICMR, Tarnaka and took part in the event conducted in connection with Azadi ka Amrit Mahotsav and com-

memoration of Science Day. The students were guided by volunteer Ruthika and staff on the exciting tour. They entered a space

Prakarsha Kondour, class X, Sri Gurudatta High School Hyderabad

siles. Children were given pamphlets on balanced diet, Functions of Food, Goodness of Greens, deficiency diseases like anemia, etc.

They visited stalls which exvan which displayed models of entists and their achievements, and its mechanisms. Finally, they Chandrayaan-I Mission, Man-contributions and awards. There galyaan, satellites GLSV, RLVTD were informative stalls on beneand other space crafts and mis- fits of having a balanced diet,

DNA, etc., and interesting activities like Learn and Win. Students eagerly took part in the interactive sessions and won some prizes like chocolates as they came to know about NIN (102 years for NIN), BMI, mysteries behind

street magic, etc A seminar on cybernetics drew the children's interest. They hibited portraits of leading sci- also came to know all about X-ray were given healthy refreshments, before going back to school after the informative and educative trip.

A Life of Dedication & Simplicity

nspiration is the process of being mentally stimulated to do or feel something, especially something creative'. We are all inspired by different things and in different ways. When you are inspired, you are stimulated to do or feel something. An inspired person often feels compelled to be different and do better than they currently are doing.

I am greatly inspired by Dr. APJ Abdul Kalam. He was a scientist and a great teacher known as the 'missile man of India'. From a newspaper boy, he became

the 11th President of India. His simplicity and determination to serve India as a scientist is inspiring.

Abdul Kalam was born on October 15, 1931 in Rameswaram. His birthday is now observed as World Students' Day. He was the youngest of five siblings and, to help his father, he worked as a newspaper boy. He was not a bright student, but with dedication and hard work he went on to become a renowned scientist.

With a degree in aeronautical engineering from the Madras Institute of Technology (MIT), he joined the Defence

Research and Development Organisation (DRDO) and later joined the Indian

space research organisation (Isro). He made India one of the superpowers by his contributions in the field of nuclear power. He always found time to interact with

children and motivated them to dream and work hard. He was awarded Padma Bhushan in 1981, Padma Vibhushan in 1990 and in 1997,

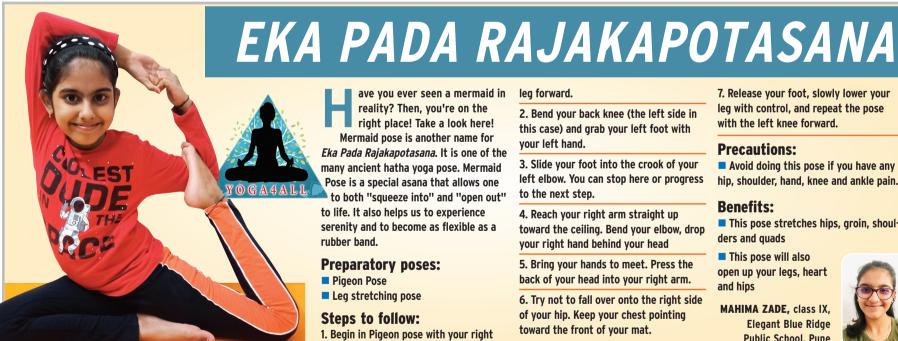
DR APJ ABDUL KALAM INSPIRING ICONS

he became the second scientist after CV Raman to receive the Bharat Ratna.

His simplicity, hard work and love for the nation inspires me. His teachings have always motivated me to dream and work hard without thinking of the results.

NIRANJAN G. Pillai, class X, Sadhu Vaswani International School. Moshi, Pune





ave you ever seen a mermaid in reality? Then, you're on the right place! Take a look here! Mermaid pose is another name for Eka Pada Rajakapotasana. It is one of the many ancient hatha yoga pose. Mermaid Pose is a special asana that allows one to both "squeeze into" and "open out" serenity and to become as flexible as a

1. Begin in Pigeon pose with your right

phies, and shields,

lea forward.

2. Bend your back knee (the left side in this case) and grab your left foot with your left hand.

3. Slide your foot into the crook of your left elbow. You can stop here or progress to the next step.

toward the ceiling. Bend your elbow, drop your right hand behind your head

4. Reach your right arm straight up

5. Bring your hands to meet. Press the back of your head into your right arm.

6. Try not to fall over onto the right side of your hip. Keep your chest pointing toward the front of your mat.

7. Release your foot, slowly lower your leg with control, and repeat the pose with the left knee forward.

Precautions:

Avoid doing this pose if you have any hip, shoulder, hand, knee and ankle pain.

Benefits: ■ This pose stretches hips, groin, shoul-

ders and quads ■ This pose will also open up your legs, heart

and hips

MAHIMA ZADE, class IX, Elegant Blue Ridge

Public School, Pune



Yoga should be practiced under the supervision of Yoga Guru. The views expressed in the above article are those of the author and the newspaper takes no responsibility for it

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TRADITIONS, CULTURES AND FEST

Niraj Public School

■ iraj Public School recently celebrated Ram Navami, the birth anniversary of Lord Rama. The function commenced with the lighting of the lamp, followed by a pooja performed by Principal B Jivitesh Reddy, along with the chanting of mantras by the school choir.

Melodic spiritual bhajans were sung by students and teachers with religious fervour. The school wore a festive look as students and teachers were dressed in traditional outfits, making the premises colourful and vibrant. HOD Hindi Om Prakash Purohit said the festival, which falls on the ninth



day of the Chaitra month, indicates the removal of the bad and the entrance of divine power. He also shared many incidents with the stu-

es of Lord Rama's life. The atmosphere was filled with the spirit of devotion and love for Lord Rama, with a beautiful dance performance dents depicting various phas- by the students at the end.

s part of the Ugadi Celebra- natyam. The students were styled in tions, a colourful dance pro-traditional attires looking vibrant gram was organised by the and energetic. The winners were felicitated with tro-

Bangaru Telangana Santinos Global School Folk Arts Academy on April 1 at the

followed by certifi-Thyagarayagana Sabha, Chikkad-cates. This was an event to promote pally. The students of Santinos Glob-classical dances and understand the al School participated in the solo and importance of traditional dances degroup performances of Bharat- picting Indian culture.





TUESDAY, APRIL 12, 2022



VILLARREAL EYE ANOTHER GIANT KILLING

BAYERN STARS VOW TO DOWN YELLOW SUBMARINE

best teams in the Dani Parejo after Villarreal secured a 1-0 victory over Bayern Munich in the first leg of the Champions League quarter-final last week. But he knows it might not be

Villarreal enjoyed one of the finest nights in the club's history with a superb performance at La Ceramica that caught the six-time European champions cold. Unai Emery's side will take a one-goal lead into Tuesday's second leg in Germany, yet the overriding feeling was regret as a series of missed chances kept Bay-

TACTICALLY ASTUTE

Parejo

Villarreal have made a habit of neutralising glamorous opponents, even if their La Liga position of seventh shows they can struggle against modest opposition. In the past year, Villarreal have beaten the Europa League champions, the Coppa

e've beaten one of the Italia winners, the Bundesliga champions and the FA Cup winners. They also defeated world," said captain Manchester United to win last season's Eu-

ropa League. In Spain, they are unbeaten this season against defending champions Atletico Madrid and leaders Real Madrid.

We produced a tremendous performance and if we're honest we should have won by more.

Villarreal midfielder, **GIOVANI LO CELSO**

Photo: GETTY IMAGES

After the stunning 3-0 victory in Turin that knocked out Juventus in the last 16, Villarreal will believe they can complete the job in Germany and reach the club's first Champions League semi-final since 2006. Win or lose in Munich, the win against Bayern in the home leg will go down in the Villarreal history books.

RELISHING ON PRESSURE

Bayern Munich stars have vowed to knock Villarreal out of the Champions League with Leon Goretzka insisting the German giants are relishing the pressure of Tuesday's must-win home quarter-final.

While Bayern were winning a third consecutive European Cup in 1976, Villarreal were being relegated to the fourth tier in Spain. When Bayern won their fifth in 2013, Villarreal had just been promoted back to the topflight.

LOOKING FOR NEXT LEVEL

With stability secured, Emery was hired to take the team to the next level, challenge for trophies and La Liga's top four.

They have disappointed in the league, but cup success has kept Emery's stock high. He was tempted by the Newcastle job but turned it down, the prospect of a European run too tantalising. The only question now is whether the momentous win over Munich will be remembered as the pinnacle of an incredible run, or the basis for something more. AFP

AMIT ROHIDAS TO LEAD **INDIA AGAINST GERMANY** IN FIH PRO LEAGUE TIE

efender Amit Rohidas will continue to lead the 22-member Indian men's hockey team in its next FIH Pro League tie against Germany, starting on Thursday.

Star drag flicker Harmanpreet Singh will don the responsibility of vice-captain in the double-header at the Kalinga Stadium. The second match of the tie will be played on Friday.

There were no big surprises in the squad as the Indian team management continues to test various combinations from the core group in the Pro League ties keepers PR Sreejesh, Krisahead of a busy calendar year, which includes the Birmingham Commonwealth Games and the Asian Games in Hangzhou, China. Singh, Jarmanpreet Singh,



han Bahadur Pathak, and defenders Varun Kumar, Amit Rohidas, Surender Kumar, Jugraj Singh, Harmanpreet The squad includes goal- and Gurinder Singh. PTI

QUIZ TIME!

1 • What is the name of the ice hockey designed for players who have a physical disability?

A Sledge Hockey

B Bandy

C Roller Hockey

D Rink Hockey

Q2. When did the Indian
National Field Hockey team win its first Olympic Gold?

B 1928 C 1946

D 1956

Which athlete has won five gold medals in men's long

jump?

A Carl Lewis B Stefan Holm

C Ivan Pedroso D Javier Sotomayor

What is the motto of 4. Olympics?

A Faster, Higher, Stronger

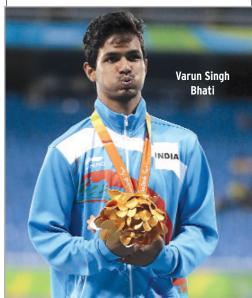
B Together We Stand

C Fast and High

D Do Your Best

🔼 • Varun Singh Bhati who won . the Bronze at the 2016 Rio Paralympic games is associated with which sport?

A High jump B Shot put C Javelin Throw D Badminton



6. Who was the first player to win all four major

Grand Slams in one year? A Bobby Riggs

B Don Budge

C Rod Laver D Fred Stolle

7. Who among the following • players is considered the greatest Hockey players in the history of Hockey and was also offered a senior position in the German Army by Adolf Hitler?

A Dhyan Chand

B Lal Shah Bokhari

C Kishan Lal

D Jaipal Singh Munda

When was the first cricket club established in India?

A 1890 B 1780 C 1792 D 1905

Which among the following is played on a synthetic hard court?

A French Open

B Wimbledon

C US open

D Australia open

Q1) A Sledge Hockey Q2) B 1928

Q3) A Carl Lewis

Q5) A High Jump Q6) B Don Budge

Q7) A Dhyan Chand Q8) C 1792 Q9) D Australia open

Q4) A Faster, Higher, Stronger