



## <u>Bitter - Sweetness of June in</u> <u>MIS :-</u>

Mary Immaculate English Medium School – JUNE Edition 2025

The month of June has given us students who excelled in Olympiads & made our school proud. Many students have successfully cleared 2<sup>nd</sup> level of Olympaids. We are specially very happy to highlight that one of our students Ahenjit Ghosh from class 3 has achieved an impressive Olympaid Rank 2.

We are sad to bid you farewell Rev. father Paul Raj, we do so with hearts full of gratitude and respect. Your guidance, patience, and dedication have left a lasting impact on all of us. Though you may be moving on, your lessons and kindness will always stay with us. We wish you all the best in your new journey ahead and a peaceful life.

We are proud to share that our students enthusiastically participated in the Creative Writing Competition organized by ICSE. With a passion for storytelling and a flair for expression, they showcased their imagination, originality, and writing skills through thoughtful and engaging pieces.

# The Essence of Theoretical & Quantum Physics by Gazi Spandon orin roll – 15 sec - B



Theoretical & Quantum physics are interesting branches of science which differ from our commonly known classical physics. So let us know the essence of Quantum & Theoretical Physics:-

<u>Theoretical Physics</u>:-As the name suggests theoretical physics is a branch of physics which is based on developing and proving theories often relying on mathematical formalisms in order to explain what the universe really is and how it works.

**Quantum Physics:**- It is the branch of science which deals with the study of matter and energy at the most fundamental level. Its aim is to uncover the building blocks of the nature and universe. It helps us close the gaps in our knowledge of physics in order to give us a more complete picture of our everyday life and everything around us.

## Some common topics regarding Theoretical and Quantum Physics are :-

**The Big-Bang Theory**: - This theory deals with the start of the universe itself. This theory explains that the universe expanded from an extremely small, extremely hot and dense state. It tells that the universe is constantly expanding and is being stretched at the

speed of light or even faster. The scary thing about this theory is that the universe could possibly stretch so much that we reach a void point where absolute nothing exists for trillions of killometers or even more.

Einstein's Theory Of Relativity:- This famous theory created by one of the most famous scientist of the modern period Einstein tells us that space time are interconnected and relative. It also suggests that the laws of physics are same for everyone, no matter how fast they are moving or how fast their speed is and the speed of light is constant for all observers. In easy words the theory of relativity explains that the universe is like an endless table cloth extended in all directions and objects with mass create a depression in the table cloth which causes other objects to move around it in an oval like motion. Like another ball would do when a bigger ball is creating a depression in the table cloth.

For this reason a black hole of infinite mass has unbelievable amount of gravity that consumes everything around it.

Einstein also gave us the famous formula  $\underline{E} = mc^2$  through this theory

**Quantum Entanglement**: - It tells that the all the particle in this vast universe are all connected as it also tells they were all of the same origin which were once connected and always will stay connected as long as they exist.

The Many Worlds Interpretation:- This is a very

interesting theory which explains that every decision we ever made, are making and will ever make are creating an alternate universe where a different decision was made and there are infinite amount of alternate universes. let us suppose our universe i the universe 101 in this universe you decided to eat bread for breakfast instead of tea so it can be that in universe 201 you choose the tea. It is supposed that for bigger changes to happen a very specific action must take place which will overcome the divergence line. And the universes where the changes are bigger are more far apart than the universe with smaller changes. Proving this theory would possibly help to possibly travel between universes.

**String Theory:-** It tells that at the deepest level everything in the universe- all particles, forces, even space time itself is made up of vibrating strings which are strands of or tiny loops of energy which are 10^-35m long {100 billion times smaller than protons}. It can vibrate in different ways to create different particles which means if we can alternate the vibrations we can possibly manipulate matter and energy.

- i. One vibration = an electron
- ii. Another vibration = a quark
- iii. Another vibration = a graviton

-----THANK YOU---------- Spandon

### **A Clock Without Hands -**

They boarded AI-171 with hearts of full dreams—some hoped to start a new life, some whispering promises to children, others chasing a long-awaited escape with friends. It was a vacation, a reunion, a fresh beginning. But something else was written in fate - the flight that took off full of hopes never landed... and yet it crashed in the densely populated area of Meghani Nagar at the UG hostel of BJ Medical College -there were students sitting around in a cafeteria round, surroundings filled with just a normal ordinary day, sharing daily funny stories with dearest friends - yet they got crashed by some plane that they never asked for, making a large group of peoples' lives end tragically under 30 seconds.

At the same time in a different world, the streets echoed with cheers – RCB had finally done it. After years of heartbreak, the IPL trophy was their. Strangers danced like lifelong friends. Tears flowed, not from pain, but from relief and joy mingling in the air and yet it becomes the same reason for their deaths, where many people's lives end in mid-laughter due to land pressure caused by celebration.

They travelled Kashmir hand in hand with their families, eyes bright with faith — only to have their final breaths stolen by gunfire in the serene Baisaran meadow near Pahalgam.

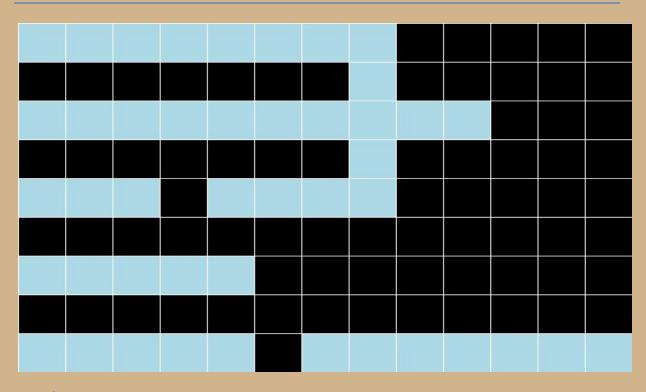
Joy and sorrow — so often side by side. Like sipping sweetness laced with pain and grief, we live in the in-between.

And all we ever really have... is now.



Name: Neha Mondal, VII-A

### **Crossword Puzzle**



#### Questions

#### **ACROSS**

- 1. Fictional detective created by Sir Arthur Conan Doyle.
- 2. A lifeless entity, often found at crime scenes.
- 3. Describes something causing death.
- 4. Outline often seen at crime scenes drawn with white powder.

#### **DOWN**

- 1. Tool often used to zoom in or examine clues closely.
- 2. Common color associated with noir themes.
- 3. The writer who created Sherlock Holmes.
- 4. A game based on deduction and mystery-solving.

#### Answers

**ACROSS:** SHERLOCK HOLMES, THE BODY, FATAL, CHALK OUTLINE **DOWN:** MAGNIFYING GLASS, BLACK, SIR ARTHUR CONAN DOYLE, CLUE OR CLUEDO Name – Ankit Singha Class – VIII Section – A Roll – 06



## Krishna with his Mother

Drawn by kankana.



\*A and ar



Kankana Mandal

#### Father's Day - 15th June

Father's Day is a heartfelt celebration dedicated to the men who have shaped our lives with strength, wisdom, and unconditional love. It is a day when we honor not just biological fathers, but every father figure — grandfathers, uncles, teachers, and mentors — who have played a guiding role in our journey.

From the first steps we took to the life lessons we continue to learn, our fathers have always been our greatest supporters. Whether it's fixing a broken toy, cheering from the sidelines, or offering a comforting hug in hard times, fathers are silent warriors who carry the weight of responsibility with grace.

On Father's Day, families across the world come together to express their love and appreciation. Some plan surprises, others/cook favorite meals, and many write notes and letters filled with gratitude. In schools, children create handmade cards, poems, and drawings to make their dads feel special.

This day also reminds us of the values our fathers teach us — honesty, resilience, kindness, and hard work. Their stories, sacrifices, and encouragement become the foundation of our strength and confidence.

Let us take a moment on this special day to say "Thank You" to our dads. Let us hug them a little tighter, smile a little brighter, and promise to make them proud. Happy Father's Day to all the incredible dads out there — your love makes the world a better place!

Asmita Dey VIII-A

## **GLORY OF INDIA IN GAMES**

On fields where warriors chase the dream,

Cricket roars loud with every scream.

Bats and balls in sunlit grace, Victory dances, a nation's face.

Football boots thump on the ground, Hearts beat fast with every sound.

Through passes, kicks, and flying goal, India plays with fire and soul.

On chequered boards where minds collide, Chess reveals the nation's pride.

Kings and pawns in thoughtful flow, From Vishy's light, our legends grow.

From dusty lanes to shining stage, India writes sports on every page.

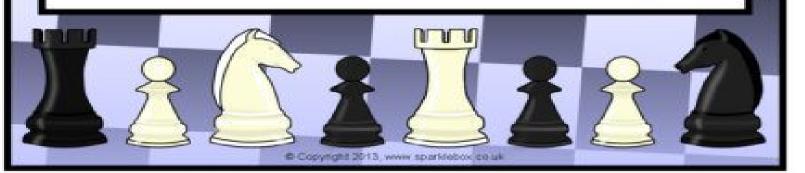
With courage fierce and spirits high, We chase our dreams across the sky.

Name-Arya Bikash Mondal

Class-Viii Section-B

RollNo-8







Name - Tanisha Som , Class – VIII , Roll - 47

## The Depths of Insight

In the ocean of wisdom, Where we dive and explore, A sea of knowledge Offers learning and more. The waves of insight Crash upon the shore, Guiding us forward, Forevermore. In the depths of the ocean, Where knowledge reigns, Lies a treasure That still remains. The pearls of the oyster, Hidden deep in the sea, Reflect their beauty And wisdom shines freely. The currents of curiosity *Carry us along,* To explore the depths Where treasures belong. Diving ever deeper, Let wisdom flow— In the ocean of knowledge, Forever it grows.

## ACs or Demons?

Nowdays we are addicted to the demons that gives us primary comfort but they are harming us actually and destroy our environment and leading to global warming.

Day by day because of harmful emission of greenhouse gases is damaging the ozone layer of our Earth. We are aware of everything but are we utilizing the awareness? No, we are reading the' harmful emissions of this machines' sitting under the air conditioner...Really? Are we turning off the AC and letting the air come in and let the pleasant breeze touch our heart and mind? Are we opening the window are looking at the beautiful nature? the answer will always be NO.

Thus, This is a clear vision that in this modern days we are developing through the gadgets. Technology is becoming more modern day by day. But are we really able to develop it?

Or. Are we becoming the slaves of this machines day by day?

So I urge the world and propose to the people wake up and save our beautiful evergreen words from turning into fireball!



Rohini Mitra Class-VIII SEC-B



Name - Masud Aktar Molla, Class - VIII, Section - B Roll - 19

## The Great Mango Robbery\*\*

In the tiny village of Rangpur, there was a boy named Raju. Everyone knew two things about him he had the cheekiest grin and a giant love for mangoes.

One blazing hot afternoon, Raju sat under the village's tallest mango tree with his best friend, Munni. This tree was owned by old Mr. Dholu, a grumpy uncle with a bald head, a scary moustache, and a dog named "Terror-who, honestly, was scared of cats.

"Today's the day," Raju whispered with shining eyes. "We're going to grab the golden mango the big juicy one right in the center!"

Munni's eyes popped. "That's Mr. Dholu's favourite! He guards it like treasure!"

"Exactly," Raju said with a smirk. "Danger adds flavour."

Their plan was simple: Munni would ring Mr. Dholu's bell and pretend to sell mango-scented shampoo. While he was distracted, Raju would climb the tree and grab the golden prize. Everything was going great... until "Terror barked. And not a regular bark-a "lion stuck in a blender" bark.

Mr. Dholu stormed out, waving a stick and holding half a mango. "THIEVES! MANGO CRIMINALS!"

Raju freaked out, slipped, and fell right on top of Munni. The shampoo bottle exploded-\*POOF!\* and suddenly they were both covered in mango-scented bubbles.

Mr. Dholu and his panicked dog chased them all around the tree until-squishi-Raju accidentally stepped on the golden mango.

Everyone froze. Even "Terror" sat down, confused.

Mr. Dholu stared at the smashed mango. "That... was the last mango my wife planted before she left this world."

Raju's face turned redder than a tomato left in the sun.

"I... I didn't know," he mumbled. "I'm really sorry, Uncle."

Then, something unexpected happened.

Mr. Dholu smiled.

"It's okay, beta. It's just a mango. But this shampoo..." "he sniffed the air it's fantastic! You two should start a business!"

\*Moral of the Story: \*Even a mango mess can turn into a fresh start and sometimes, mistakes smell great too!

#### একাকীত্বের সন্ধ্যারাত্রি

ঝড় থেমেছে, কাঁপে মন, নিঃশব্দে হাঁটে অচেনা ক্ষণ। হৃদয়ভরা শূন্যতা নিয়ে, চোখের জলে নামে গিয়ে।

স্মৃতিগুলো ছায়ার মতো, পিছু ডাকে—কিন্তু কেউ কোথাও নয় তো। ভাঙা স্বপ্ন, নিভে যাওয়া গান, নীরব রাত — এক অজানা মান।

> বন্ধ জানালায় বৃষ্টি পড়ে, কেউ আর খবর রাখে না তরে। ভালোবেসে যে ছিল দূরে, আজও থাকে গল্পের সূরে।

> > --শোভন রক্ষিত শ্রেণি-৮ ; বিভাগ- ক; ক্রমিক স্যংখ্যা- ৩৭



## WORLD BLOOD DONOR DAY 2025

~Purbi Mandal

Intro: World Blood Donor Day is celebrated every year by people around the world on June 14. It is celebrated on the birthday anniversary of Karl Landsteiner on June 14, 1868. Landsteiner was awarded the Nobel Prize for his discovery of the ABO blood group system. Blood donation is a life-saving act of giving, where healthy individuals voluntarily donate a portion of their blood to be used for transfusions and other medical treatments. This donated blood helps individuals recover from injuries, surgeries, or illnesses, providing crucial support during emergencies and ongoing health challenges.

Every year 14<sup>th</sup> of June we celebrate the World Blood Donor Day. On this day specifically we honor millions of people who donate blood to another millions of people and saved their lives. On this day it also consists of a person's birthday a Nobel-prize winning scientist, *Karl Landsteiner*, who discovered the blood groups of *ABO*.

This was first established by World Health Organization (WHO) on 2004 in collaboration with the International Federation of Red Cross and Red Crescent Societies, the International Federation of Blood Donor Organisations, and the International Society of Blood Transfusion.

#### WBBD 2025 (June 14)

Health Minister Prakash Abitkar announced a state-level drive to streamline blood collection and distribution, especially tackling seasonal shortages and waste. They're also considering NAT testing for improved safety, and introducing stricter NOC regulations for blood banks. Over 150 registered donors yielding 74

units at RSM Joint Hospital. Officials donated too and planted saplings. Around 15 units added at other events.

As students and future leaders, it is our responsibility to build a society that values life and compassion. By donating blood, we don't just give a few minutes of our time—we give someone another chance to live, to laugh, and to love.

Let us remember: "You don't have to be a doctor to save lives—just be a blood donor."

In a world often divided by differences, blood donation is a beautiful reminder that we are all connected. Our blood carries not just oxygen—it carries hope, unity, and humanity.

May the spirit of giving stay alive in all of us—not just on June 14, but every single day.

**Name: Purbi Mandal** 

Class: VIII

Sec: A

Roll. No: 26





## QUIZ TIME!



Eshan Islam - VIII -A -18



- 1. Which Organ can regenerate its parts if removed?
- 2. Which city is aiming for the UNESCO City of Gastronomy Title?
- 3. What percentage of the world has access to the Internet?
- 4. Which aircraft crashed this month, a few days earlier?
- 5. On the banks of which tributary of the Ganga is the city of Lucknow situated?
- 6. Which Japanese Space Mission has failed?
- 7. Who won a National Award for acting in 'Thevar Magan' but declined it?
- 8. What has been developed at IISc to combat Abnormal Blood Clotting?
- 9. To commemorate which leader's birth centenary was the first Shatabdi Express launched in 1988?
- 10. Which volcano in Italy has erupted on 2nd June 2025?

#### **Answer Keys**

1. Liver

3, 68%

5. Gomti

7. Sivaji Ganesan

2. Lucknow

4. Air India flight Al171

6. Mission Hakuto-R

8. Artificial metal-based nanozyme

9. Pandit Jawaharlal Nehru 10. Mt. Etna



## THE CAPTAIN WHO DEFINED AN ERA



-An Ode to MS Dhoni's Hall of Fame Induction

avijit das

They said he came from a small-town dream, With long, wild hair and a quiet gleam.
No royal roots, no silver spoon, Just iron will and a heart in tune.

Then 2007—the world awoke, As T20 lightning struck and spoke. A flick, a dash—the trophy raised, A nation stunned, a legend phased.

2011—the night we cried,
When 'Dhoni finishes off in style!' replied.
Wankhede roared, the heavens shone,
A billion dreams wrapped in that six's throne.

2013—the Champions' crown, Bleeding knees, no fear, no frown. "Play to win," his mantra stood, Even when the odds said "never could."

The helicopter whirled, the bails took flight, Stumping seconds—like speed of light. The review smirk, the mind so sharp, A chess grandmaster when stakes were stark.

Now in the Hall where immortals stay, With Bradman's grace and Tendulkar's sway, No jersey number's loved as true, As "Thala"—forever, 7 in blue.







## প্রামানা bySoumi Banerjee class (VIII) \ 3,42

त्रविवात्रहा हूहि वल পिंडना एवा वहे, भारापिन एथलाय प्रांकि कति रेट रिट। সোমবার পড়ার ভয়ে পেটে হয় ব্যাথা, **मातापिन छारत्र थाकि गारत्र प्रुदत काँथा।** प्रश्नवातः পড़ल नाकि व्यप्रश्न २य, ভারতের ঠাকুমা গো আজও আমায় কয়। वूधवादत अफ़्टल नाकि वृक्ति याग्न करम, ভাবি তাই এই দিনটিতে ঘুরতে যাব রোমে ৷ वृश्य्यिविवादत थ़फ़्राल नाकि लक्षी करतन आफ़ि, **ारे** हा स्मिन व्यक्ति वास्त्र श्रु पिनाप्र हाि । শুক্রবারে টিভিতে নাটক দেখার ঝোঁক, কেমনে দেই ওই দিনটিতে পড়ায় মনোযোগ! শनिवात शय श्निए, वास्त्र शृश् कारण, পরীক্ষায় ফল বেরোলেই মরি তাই লাজে ৷





Debosmita Mondal

Class VIII, Section A, Roll No -12



For a better tomorrow, let's start planting more trees and reducing pollution. Make this planet a better place to live.

