



TN076

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ELIXIR

The Flow of Magical Writing

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Editorial



The Role of Discipline in Achieving Dreams

“Discipline is the bridge between goals and achievement.”

Every student has dreams. Some want to score high marks, while others dream of becoming doctors, engineers, or artists. But dreams do not come true on their own. They need discipline. Discipline means following a routine, studying regularly, and using time effectively. It helps students stay focused on what is important.

“Small steps every day lead to big success.”

A disciplined student completes homework on time, listens carefully in class, and avoids distractions like too much mobile usage or wasting time in unnecessary activities. Even when motivation is low, discipline helps us continue working. It teaches us to be responsible and hardworking.

“Success doesn’t come from what you do once, but what you do daily.”

Discipline also builds good habits. Waking up early, revising lessons, and practicing regularly can make a big difference. It may seem difficult at first, but slowly it becomes a part of life. These habits prepare students to face challenges with confidence.

“No pain, no gain.”

In the end, discipline is the key to achieve dreams. It turns small efforts into big success and helps students become the best version of themselves.

V. Sheena
Dept. of English

RIDDLES

1. I can travel through a light-year of lead without hitting a single atom. I am born in the heart of stars, but I have almost no mass and no charge. What am I?
2. I am the only "force" that isn't actually a force; I am just a curve in the road. I can hold a moon in place, but I can't stop a child from jumping. What am I?
3. I am a twin who went to space. I travelled at high speed and, then returned home. My brother is wrinkled, his hair is all gray, while I've only aged a single day. What happened?
4. I am the only thing in the universe that has no mass, yet I am affected by gravity. I have a speed limit that no one can break, and I am the reason you can see these words. What am I?
5. I make up the vast majority of every "solid" object you've ever touched. If you removed me from every atom in every human on Earth, the entire human race would fit inside the volume of a single sugar cube. What am I?
6. I am the temperature where all motion stops. At my level, even atoms stand still, and the laws of classical physics break down into quantum weirdness. What am I?
7. I have no voice, but I can be heard. I have no wings, but I can fly. I am the reason a whistle blows and a flute sings, yet I am nothing more than a wiggle in the air. What am I?
8. I am a state of matter that isn't solid, liquid, or gas. I make up 99% of the visible universe, from the heart of the Sun to the glow of a neon sign. I am so hot that I've stripped the electrons from my atoms. What am I?
9. I am a speed limit that wasn't set by any government. If you try to reach me, your mass becomes infinite and your time stands still. I am the reason you can look at a star and see the past. What am I?
10. I am a state where you are constantly falling toward the Earth, but you are moving sideways so fast, that you keep missing the ground. What am I?

Answers

1. A Neutrino. (Trillions of them are passing through your body right now).
2. Gravity. (Specifically, the curvature of spacetime).
3. Time Dilation. (Moving at high velocities causes time to pass slower for the traveler relative to those staying still).
4. A Photon. (Light particles are massless, but gravity warps the space they travel through).
5. Empty Space. (Atoms are 99.9999999% empty space).
6. Absolute Zero. (0 Kelvin or -273.15°C).
7. A Sound Wave.
8. Plasma.
9. The Speed of Light (c).
10. Being in Orbit.



Ms. Supriya S.P
Physics Department

RIDDLES



1. If you lived for 100 years, why would your head technically be slightly "older" than your feet?

- A) Because your head moves faster as the Earth rotates.
- B) Gravitational Time Dilation: Gravity is stronger at your feet, causing time to move slower there.
- C) Biological cells in the upper body regenerate faster than those in the lower body.

Ans.: B. According to General Relativity, time moves slower in stronger gravitational fields.

2. If the Sun suddenly vanished into thin air, how long would it take for the Earth to fly out of its orbit?

- A) Instantly
- B) 3 seconds
- C) Approximately 8 minutes and 20 seconds.

Ans.: C. Gravity travels at the speed of light. We wouldn't feel the loss of the Sun's pull until the last ray of light reaches us.

3. If you fire two parallel laser beams into the deep vacuum of space, what will happen to them over billions of light-years?

- A) They will eventually cross because the universe is spherical.
- B) They will stay perfectly parallel because the universe is "flat."
- C) They will curve away from each other because of Dark Energy.

Ans.: B. Measurement of the Cosmic Microwave Background shows the universe has "flat" geometry.

4. When you sit in a chair, why aren't you actually touching the atoms of the seat?

- A) Atoms are 99% empty space and the nuclei are too small to hit.
- B) The "Strong Force" keeps all matter at a distance of 1 meter.
- C) Electromagnetic repulsion between your electrons and the chair's electrons pushes you away.

Ans.: C. You are essentially levitating on a microscopic cushion of electric force.

5. Why is Gold yellow while most other metals are silver or grey?

- A) Gold atoms reflect light differently because of their massive nuclei.
- B) Special Relativity: Electrons move so fast they gain mass, changing how they absorb blue light.
- C) It's a chemical reaction with the oxygen in the air.

Ans.: B. Relativistic effects contract the electron orbits, shifting the reflected light into the yellow spectrum.

6. In a laboratory, it is possible to create a "Triple Point" for a substance. What would you see if you looked at a beaker of water in this state?

- A) The water would be glowing bright blue.
- B) The water would be boiling and freezing at the same time.
- C) The water would disappear and reappear due to quantum tunneling.

Ans.: B. At the Triple Point, the temperature and pressure allow solid, liquid, and gas to exist in perfect equilibrium.

7. Physicists often describe Glass as an "amorphous solid." What makes its internal structure different from a diamond or a piece of iron?

- A) Its atoms are moving as fast as a liquid.
- B) Its atoms are arranged in a chaotic, disordered pattern rather than a neat lattice.
- C) It has no atoms; it is made entirely of photons.

Ans.: B. Glass is "frozen" in a disordered state, giving it the structure of a liquid but the rigidity of a solid.

8. What is the "Big Slurp" (Vacuum Decay)?

- A) A black hole at the center of the galaxy swallowing the Earth.
- B) The Sun running out of hydrogen and expanding.
- C) A "bubble" of a lower-energy Higgs field expanding at light speed, rewriting the laws of physics.

Ans.: C. If the Higgs field drops to a more stable state, it would destroy the current universe instantly.

9. If the Sun is a giant ball of fire, why can't you "extinguish" it by pouring a massive amount of water on it?

- A) Because the water would just evaporate before hitting the surface.
- B) Adding water adds mass, which increases gravity and pressure, actually making the Sun burn hotter and faster.
- C) Space is a vacuum, so the water would simply float away.

Ans.: B. The Sun isn't "burning" like a campfire; it uses nuclear fusion. Adding water adds hydrogen and oxygen (fuel and mass), which accelerates the fusion process.

10. What is the "Big Rip" theory?

- A) A theory that the universe will eventually stop expanding and stay still.
- B) A scenario where the expansion rate becomes so fast that it eventually overcomes gravity and atomic forces, tearing everything apart.
- C) The moment the Big Bang first occurred.

Ans.: B. It is a potential "violent" end to the universe if Dark Energy increases in strength.

Ms. Supriya S.P
Physics Department

தாய்மொழியின் புகழ்



அறியாமையை அழித்திடும் ஆதிமொழி
ஆணவத்தை அகற்றிடும் அன்புமொழி

இன்பம் நல்கும் இன்பமொழி
ஈகை பண்பை ஊட்டிடும் நல்மொழி

உயர்வுக்கு வழிகாட்டிடும் காவியமொழி
ஊரார் போற்றும் எழில் மொழி

எட்டுத்திக்கும் புகழ்பாடும் செம்மொழி
ஏற்றம் பெற்றிட உதவும் வண்மொழி

ஐயம் அகற்றிடும் வீரமொழி

ஒல்கா புகழ் பெற்ற நிலைமொழி
ஓதலுக்கு பயிற்றுவிக்கும் ஓவியமொழி

ஔவையைப் பெற்றெடுத்த பொன்மொழி
அஃதே என்னை புகழ்பாட செய்யும்
தாய்மொழி

ஷாகிதா கிறிஸ்டல்
தமிழாசிரியர்

The Honest Student

Ravi was a student in a school. One day, he found a wallet on the playground. It had some money and an ID card inside.

Ravi could have kept it, but he decided to do the right thing. He took the wallet to his teacher. His teachers found the owner, who was very worried about losing it.

The owner thanked Ravi for his honesty. The teacher also praised him in front of the class.

Moral : Honesty is the best policy.

*Nedhish S.P
IX-Jade*

உழுவன்

ஏர் பிடிக்கும் உழுவனை
கைகள் கூப்பி வணங்குவோம்
ஏற்றம் கொண்டு நீரிறைத்து
வளர்த்த பயிரை வணங்குவோம்

பயிர் வளர மாரி தரும்
மேகத் தாயை வணங்குவோம்
உழுதுண்டு வாழ்பவனே
உலகின் உயர்ந்த மனிதன் என்போம்

*B.J Beji
X-Jade*



Fun Facts



1. Uranus spins on its side.....

Basically, the planet is just lying down like it gave up on life.

2. Astronauts grow taller in space up to 2 inches because their spine stretches.

So yes, space literally gives us a glow up.

3. If you cry in space, your tears don't fall they just stick to your face and form blobs.

Instant floating sadness!

4. Space is completely silent because there is no air to act as a medium for sound to travel.

5. Neutron stars are so dense that just a sugar-cube-sized piece would weigh about a billion tons on Earth.

Benrisa B.J
X-Ruby

Riddles

1. I have no life, but I can die. Who am I?

2. When the water comes down, when it rains, I Go Up. What am I?

3. I never ask questions, but always answered. What am I?

4. You can break me easily without even touching me or seeing me. What am I?

5. What can you catch but not throw?

Answer

1. A Battery

2. An Umbrella

3. A doorbell

4. A Promise

5. A cold



Aarush A.P
X-Topaz

Did You Know

Starfish have no brains.



The coconut is the largest seed in the world.



Lemons contains more sugar than strawberries.



Horses can read human emotions.



A lion's roar can be heard from 5km away.



Butterflies taste with their feet.



S. Shijolin
IX-Sapphire

Future World 2050



By 2050, technology will be highly advanced and used in daily life. Robots and AI (Artificial intelligence) will help people in many tasks. Life will become faster, easier and more comfortable. Cities will be smarter and more eco-friendly. People may travel in faster and cleaner transport. New inventions will make life safer and more convenient.

Afif Nishad
IX-Sapphire

IPL Facts

- The first – ever IPL match was between Kolkata Knight Riders and Royal Challengers Bengaluru.
- IPL was suspended in 2020 and shifted partly due to COVID-19.
- IPL uses DRS (Decision Review System) to reduce umpire mistakes.
- LED stumps light up when the ball hits them.
- IPL made cricket popular among young fans and students.
- Shreyas Iyer became the first captain in IPL history to take three different teams to the final.
- Virat Kohli has the most runs in IPL history.
- Yuzvendra Chahal is the most wicket taker in IPL.
- Ravindra Jadeja holds the record for scoring 37 runs in a over.



*Aswanth Thurai
IX-Ruby*

Beat the Heat, Stay Healthy This Summer

Hydration is the key:

Keep yourself cool and hydrated throughout the day.

Sun Protection:

Shield your skin from harmful UV rays with sunscreen, hats and sunglasses.

Maintain Balanced Diet:

Fuel your body with fresh fruits and vegetables.

Safe Physical Activity:

Opt for early morning or late evening walk to avoid peak heat.

Dress Smart:

Wear lightweight and light coloured clothes.

*Anshiga S
IX-Ruby*

The Power of Introvert Energy

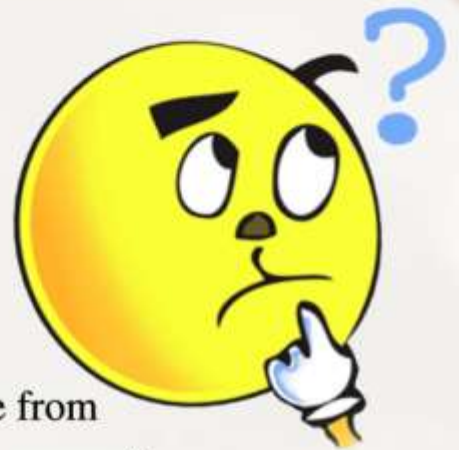


Introversion isn't about lack of social ability; it's about a deep, internal battery that thrives on observation and reflection. In a world that often praises the loudest voice, "introvert energy" acts as a quiet, 'Superpower'. The ability to listen intently, think deeply before acting and find creative solutions through solitude. By focusing inward, introverts often have a unique level of focus and empathy to the table, proving that you don't have to shout to make an impact.

*A. Harshita
IX-Ruby*

1. $1 = 5$
 $2 = 10$
 $3 = 15$
 $4 = 20$
 $5 = ?$

Riddles



2. If a person throws a chicken noodles and a apple from 200m above the earth? Which falls first and give reason?
3. What has four legs but can't walk?

Answer

1. 1, because of the assignment operator, = (equal to)
2. Chicken noodles falls first because it is fast food.
3. A table

*Rijolin S.J
IX-Jade*

Myth About Life



“Life is fair”

Reality : Life isn't always fair but you can still make it best.

“Success = Money”.

Reality: Success also means peace, happiness, health and good relationship.

“Failure means useless”.

Reality: Failure is how you learn and improve.

*S. Ashjilin Femi
X-Ruby*

Mini Quiz

1. What is the name of the largest river island in the world?
2. Which is an Indian island group located in the Arabian Sea?
3. Which Indian island is home to one of the world's last indigenous uncontacted tribes?
4. Elephant island or Gharapuri, is famous for. _____
5. Abdul Kalam island is primarily used as a ____ by the DRDO.

Answer

1. Majuli
2. Lakshadweep
3. North Sentinel Island
4. Elephanta Caves
5. Missile Testing Facility



*Sherlin S. Christina
X-Ruby*

Fever



I was gripped by the Viral **Fever**
That made my whole for all the **Shiver**
A dreadful season for all the **Teachers**
But a joyous seasons for the **Doctors**
I became a prey to his **Injections**
And no end of his **Prescriptions**
He recommended me to be on **Bed**
That none would hear my **Tread**
Bread and biscuits was what I **Ate**
The food which I always **Hate**
Six days of **Rest**
Prevented me from writing the **Test**
Here again I was **Well**
To hear the sound of the school **Bell**

*J.B Harshitha
IX-Jade*



Anshalin Jiji J.S
III-Ruby

Living in the present, but
Haunted by the past.
One life, one world, drowning
In waves of memories.
As the world moved on,
Memories anchored me here.
Even the aroma lingers,
And the old world stays
I replay them like old films
My heart heavy, lost in the haze.
People's words fade, but
Memories linger, uninvited.....

Lost in the Maze of Memories

Ashini C.V
XI-Aspirants







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