

# A thing of beauty...

# .. Is A Chemical Forever

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A little bling Eyeliner with a wing

ing our faces with primer to make our skin look blemish-free and get the makeup to last longer. For this, we will be coating our faces

in non-biodegradable silicones process, but that's what surgerand siloxanes; filling each nook

Now for the foundation and concealer, we will be stuffing

our pores with octinoxate, a chemical linked with thyroid disruptions. Heavier foundations have traces of lead, but if it can be present in the nation's favourite snack then why even worry about it?

You now have the option of

*Let the products splash* As we get you ready in a dash But before that, you must know *There is a lot behind* that flawless made-up glow

re'll begin by prim- and cranny of our not-so-perfect faces. Over the course of the day, this will prevent your skin from breathing, as all the pores will be closed. This may even accelerate the ageing

ies are for! \*wink wink\*

contouring and highlighting your face with the help of colours derived from petroleum sources containing human carcinogens linked with diseases like ADHD in children. But didn't the bottle al-

ways tell you to keep it out of their reach?

Illustration: Vanshika Chaudhary, AIS PV, X C

SET DE BAAAA

But problems start arising when when the electrical activity in no. On cellular level we attempt to define it with precision. What is death? Scientists,

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Is it brain or heart? Death was once defined as the

Can You Define It? At Least Give It A Shot!

cessation of heartbeat and breathing, but modern technology has proven that definition to be insufficient, as it is possible to sometimes revive a person even when their heart stops or their lungs collapse.

doctors, philosophers, they have

all struggled with placing death

into exact words.

Nowadays, there exists a new form of medical declaration known as 'Brain Death', wherein patients are considered dead

their brain ceases. Your brain death is an event where a biologcontrols all your movements, your thoughts, and your personality. So if your brain 'dies', your consciousness dies with it.

Illustration: Keshav Gupta

Yet, a brain dead person's vital organs can continue to function; they can have a heartbeat and even respond to certain stimuli. The body could still be biologically functioning and it could probably be kept 'alive' on life support systems. But the 'person' or their 'soul', is gone.

### Is death a paradox?

So are we trying to redefine 'death'? In a way, yes. But if we refer to the previous definition,

ical cell ceases to carry out its functions. Which implies, if the event of 'death' of cell occurs, the tissue dies and follows death of human. But then we have seen cells revived based on their complexity. So, a breathing person is not alive, as his cells are dead, which again creates a paradox.

We are questioning the reliability of this end, as it is all a game of cellular chemicals and their functionality. We can't tell if a dying person is closer to being alive or to being dead. Death is, after all, seemingly the end to this transient period we call 'life'.

Settlement elsewhere

Are We Finally Ready To Destroy Another Planet? Graphic: Aditya Doomra, AIS PV, XI D

Shreya Ghosh, AIS PV, XI C

Viviana Longjam

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The doctor finally re-en-

L tunately, she has died."

However, around 10 am the next

morning, Mrs Rafiq's daughter

found her mother waking up.

Mrs Rafig had been declared

dead, yet here she was, alive and

There being numerous cases

where people are 'coming back

alive', the line between life and

*Is there a true definition?* 

Death. We all feel that we are

well acquainted with that word.

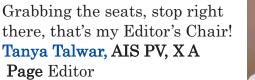
breathing again.

death seems blurred.

tered the lobby. "Unfor-

n a day and age where we're already planning on setting Lup camps on Mars, settlement on another planet seems like an easy feat on paper, but what would we require to actually go through with it?





What does





Time to paint one of our sensory organs in dibutyl phthalates - eye shadow! Blend the colours and go for eye priming to make your lids heavier. It can cause disruption in hormone functioning, increase risk of genetic mutilations and, maybe, even liver failures,

cals after being absorbed through the skin. To complete the look, line your eyes

with some carbon black or coal tar dye, a neurotoxin due to its contamination bv heavy metals. If you want your eyes to draw

more attention, go for mascara to leave lingering traces of quaternium-15!

Finally, a dash of lipstick! Just can't go wrong with lipstick and its plethora of options. You can choose from eight different heavy metals, chains of parabens, acetates and high hazard colorants. All

when it interacts with chemi-

depends on your choice! Nickel neon and Arsenic amber are all the rage these days. Now, you'll look like the new goddess - the goddess of chemicals!

Your skin will be grateful for years to come as you sport the 'no makeup' makeup look, with every product seeping into your skin and blessing it with disruptions and skin diseases. Your visits to the cosmetic store will be outnumbered by the ones to a dermatologist; but who cares with that flawless look!

#### **Final destination**

Unless travel websites set up shop for trips around the galaxy, choosing a destination to go to is a major challenge for future settlements. Proximity to sun, availability of water and sustenance of life are some factors you might want to consider before choosing your destination. Organisations like NASA generally look for planets that most resemble Earth and Mars along with 50 new exoplanets that were identified for the same. While planets like Jupiter might seem attractive for settlement, you might actually end up literally making 'sandcastles in the air' to sustain life on the gas giant.

# **Stuck at structures**

After you are done with choosing a destination, channel your inner Elon Musk and design the structure for your settlement. The structure should be designed such that it meets gravity, atmosphere, materials available and residential requirements. Several

scientists also mention that weightlessness, growth potential of settlement in the future, and capabilities to harness solar energy are also vital in making a structure for a settlement. Many have suggested spinning settlements, to create pseudo gravity, even in zero gravity.

## **Inside infrastructures**

You might have to promise your settlers 'Achche Din', for you shall be responsible for devising infrastructural planning and think of ways to provide basic amenities to the residents: food,

water, sunlight. You will have to arrange for these using advanced methods of aeroponics and/or aquaponics, to recreate living conditions on our home planet.

#### **Humanity insanity**

Settlements, in general, are a game of real estate; they provide the best housing for settlers. But humans need more viz entertainment, recreation and reassurance in their lives. These elements, such as communication systems, would be further essential for human survival. The most common way to do this is to use satellites, just like we do on Earth. You might also need to include safety measures for your settlement inhabitants.

After a long, tedious exercise of planning a settlement on a planet similar to Earth, we are all left wondering, "Why do we need to leave Earth in the first place?" To continue that thought, the the best setep seems that we should preserve our very own settlement; which we have been naturally provided what we might fail to artificially recreate, but would we really? G