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STUDENT EDITION

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WEB EDITION

INDIA-CHINA STANDOFF

Fighters, warships moved to forward bases after bloodiest day in Ladakh



The government has given powers to the armed forces to make emergency procurements to stock up its war reserves in the wake of escalating conflict with China along the Line of Actual Control (LAC). According to sources, Chief of Defence Staff General Bipin Rawat has been asked to coordinate with the three services on prioritising the requirements, where necessary. Air Force assets, including fighters, too have been moved up to forward locations. The first signs of discomfort in the Indian camp started, when the Chinese side, a few days ago, began pressing hard for another round of Corps Commander-level meetings to kickstart talks on the Pangong Tso.

Twenty Indian soldiers, including a Colonel, were killed and several others grievously injured in a violent physical skirmish with Chinese troops in the Galwan Valley region of eastern Ladakh on Monday, in a massive escalation of the continuing military confrontation in the high-altitude region, since early-May even though no bullets were fired

GALWAN VALLEY: THE SITE OF THE 1962 SINO-INDIAN CONFLICT



- The Monday face-off between the Indian and Chinese troops marks the first instance of violence at Galwan Valley in Ladakh, since the 1962 war
- The Valley lies along the western sector of the India-China border, the Line of Actual Control (LAC), and close to Aksai Chin, an Indian territory under Beijing's control
- According to experts, its location is of strategic importance, along a sector of the border that remains largely undefined
- The Valley derives its name from the river Galwan, which is named after Ghulam Rassul, a British-era explorer

from Leh. The river flows from the Aksai Chin region. ■ The area is believed to have triggered the 1962 war between the two nations. ■ Since then, the region remained violence-free until Monday ■ The latest tensions can be traced to Chinese objections over India's road construction activities in this region— improving the Darbuk-Shyok Daulat Beg Oldie road that strategically connects Leh to the Karakoram pass, along the Galwan river. ■ The road, that has taken nearly two decades to construct, runs parallel to the

LAC, and lies opposite China-occupied Aksai Chin. The highway increases India's access to a section of the Xinjiang-Tibet highway that passes via Aksai Chin. India has also pre-emptively created a military outpost at the section of the Darbuk-Shyok Daulat Beg Oldie road that lies closest to Aksai Chin. ■ China is suspicious that the Indian constructions in the area are meant to facilitate quick movement of soldiers, if any attempt is made to recapture Aksai Chin ■ Aksai Chin was captured by China in 1962 (Source: TimesNow/Agencies)

Pic credit: Times Now

HOW IT WORKS

THINKING OF STARTING A HOBBY CLUB?

HERE ARE A FEW OPTIONS

WHAT IS IT: Hobby clubs are clubs that stem from an interest in a hobby that most likely wouldn't be taught in high school, such as chess, anime, video games and skiing



CHECK THEM OUT

SCULPTURE CLUB

Analyse famous sculptures. Work on your own sculptures. Get feedback on your work from other club members. Plan a trip to a local museum (when you can or opt for virtual museum tours.)

PHOTOGRAPHY CLUB

Analyse famous photographs. Take virtual group trips to picturesque spots to look at the objects you would capture in a frame and why. Create a dark room where you can develop photos.

ART REVIEW MAGAZINE

Start a magazine. Review famous pieces of art. Hold contests for student artwork to be published in the magazine. Write reviews of local art shows or start a club, like Shakespeare Club. Each semester, read a different Shakespeare play and put on a production of that play. Host a Shakespeare festival. Host a contest on virtual media for the best Shakespearean monologue, or a writing contest for a Shakespearean sonnet.

CLASSICS CLUB

Each semester read and perform a new classics play. Plan a trivia quiz to know where classical writers lived.

MONOLOGUE CLUB

Help each other find classical and modern monologues they like. Have your friends perform their monologue in front of the group. Give them feedback and ideas on how to improve the monologue performance. Perform all the monologues once per semester.

GALAXY FOLD 2 TO SPORT BIGGER SCREENS?

TECH BUZZ

South Korean tech giant Samsung is expected to launch its next foldable smartphone Galaxy Fold 2 with a 7.7-inch interior display and a 6.23-inch cover display on August 5. According to South Korean news portal ETNews, it is likely that Samsung made such a decision in order to differentiate Galaxy Fold 2 from Galaxy Fold, and listen to consumers who want bigger screens. According to reports, both the interior and exterior displays of the Galaxy Fold 2 are bigger than that of earlier Galaxy Fold. Galaxy Fold that was released last year, is made up of 7.3-inch interior display and 4.6 exterior display.

- Interior and exterior displays of the Galaxy Fold 2 will be bigger by 0.4 inch and 1.63 inches, respectively
- The upcoming Galaxy Fold 2 is said to feature a 12MP primary sensor, a 64MP telephoto lens and a 16MP ultra wide-angle lens
- The phone will have two camera sensors on the front side, but they won't be placed together
- The current Galaxy Fold handset is priced at ₹1.65 lakh. The company is planning to use a cheaper design for bringing down its price



NEWS IN BRIEF

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BAFTA FILM AWARDS PUSHED TO APRIL 11, FOLLOWING OSCARS CHANGE



The British Academy of Film and Television Awards (BAFTA) has announced April 11 as the new date for its 2021 film awards. The decision was taken after the Academy of Motion Picture Arts and Sciences shifted Oscars 2021 date from February 28 to April 25, in response to the coronavirus pandemic.

- Originally, the 2021 BAFTAs were going to take place on February 14; the change allows for an extended eligibility period
- The new date will also allow the UK awards show to remain among the last of the Oscars precursors

COIMBATORE-BASED TEXTILE COMPANY DEVELOPS ANTI-VIRAL FABRIC



INNOVATION

Coimbatore-based textile company has developed an anti-viral fabric to contain the spread of coronavirus. The textile company says it has introduced an anti-virus treating technology called Viro block in collaboration with a Swiss company to develop the fabric.

This technology is being used on the fabrics that kill or deactivate the virus within 3 minutes of contact with it. Sundar Raman, MD of the company said, "The material has been tested internationally on the SARS-CoV-2 virus. The chemical is unique as it takes 3 minutes to deactivate the virus", he added.

- Using the technology, the product is being used to manufacture a range of N95 masks which are claimed to have 10 wash cycles

007 and other ways to bond with Covid-19

Amid the global scramble to find a cure for the coronavirus, Hollywood has come up with a pre-emptive celluloid strike against a lookalike pandemic. The latest James Bond movie, titled, 'No Time to Die', which will now release on November 12 and November 20 in the US will see 007 battling a pandemic. 'No Time to Die' will be the fifth and final film in which Daniel Craig will don the role of James Bond.



BONDING WITH CORONA

- 1 With buzzwords, like 'lock-down', 'quarantine', 'mask', 'self-isolation' and 'social distancing' having become part of a worldwide vocabulary, movie makers are reportedly lining up to tag such tropes to future films
- 2 A Canadian movie called 'Corona' made in February, just before the country went into lockdown, is the first feature film to

- 3 give top billing to the C word
- 3 Not to be outdone, Bollywood has booked the title, 'Corona Pyaar Hai', a pun take on the Hrithik Roshan starrer, 'Kaho Naa... Pyaar Hai'

- 4 A Tollywood film company has registered the title, 'Coronavirus' and 'Covid-19' for a yet-to-be-shot film

POST- COVID WORLD

HOW THE future stadiums WILL LOOK

The coronavirus pandemic that brought sports to a standstill for months has everyone wondering what games will look like when spectators are finally allowed back in. It will almost surely be different in ways— big and small.

- Fans could have their every move scrutinised by cameras and lasers.
- There might be nobody in the next seat to high-five after a touchdown.
- Temperature screenings and medical checks could be mandatory. Virtual tickets will be the norm.
- Ticket sales will be capped. Entire rows and sections may be blocked off. Seats on the aisle will be left open to keep a buffer from fans walking up the stairs. Fans will be given an entrance time to prevent crowding at the gates.
- Lines at restrooms and concessions will be limited. Congregating in the corridors will no longer be allowed.

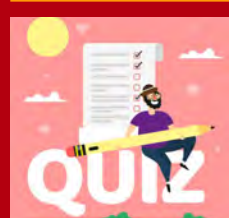


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QUIZ



MIND TEASERS



FUN WITH RIDDLES



JUMBLED WORDS...

Find out who tops the chart every day! It could be YOU!!!!



KNOWLEDGE BANK

Neutron star: A neutron star is the collapsed and highly compressed remains of a relatively massive star that died in a supernova event. Neutron stars are also the smallest stars known to exist with their typical radius being only about 10-20 km, and weighing on an average about twice as much as the sun. The Milky Way has about 100 million neutron stars.
Suryasnata Behera, Class IX, Vivekananda Mission School



WORD WISE

epiphany: (n) An appearance or manifestation, especially of a deity. A sudden, intuitive perception of or insight into the reality or essential meaning of something, usually initiated by some simple, homely, or commonplace occurrence or experience.

Synonymous words: flash, insight, inspiration, oracle, vision, realisation, sign, surprise, discovery, etc

Examples: ■ Zaks experienced an epiphany of sorts a couple years ago, when he was looking through a book by Tony Walton.

Quiz time

GENERAL KNOWLEDGE

Q.1) What is the old name of alkenes?

- A. Olefins
- B. Paraffin
- C. Acetylene
- D. Peptide

Q.2) Who coined the term 'Mutation'?

- A. James Watson
- B. Herman Joseph Muller
- C. Hugo de Vries



D. Norman Borlaug

Q.3) What type of a mirror is used in anti-shoplifting-devices?

- A. Concave mirror

B. Convex mirror
C. Plane mirror
D. None of the above

Q.4) Which plant disease is known as ring disease?

- A. Citrus Canker
- B. Black arm of cotton
- C. Wilt of Potato
- D. Anthracnose

Q.5) When was Ceres, the first asteroid, discovered?

- A. 1 January, 1800
- B. 12 January, 1801
- C. 12 February, 1800
- D. 1 January, 1801

ANSWERS

1. (A) Olefins, 2. (C) Hugo de Vries, 3. (C) Wilt of Potato, 4. (C) Wilt of Potato, 5. (D) 1 January, 1801

1) LONG FORM OF THE PERIOD TABLE IS BASED ON

- A) Atomic mass
- B) Atomic size
- C) Atomic number

2) THE MAXIMUM NUMBER OF ELEMENTS IN 3RD PERIOD IS

- A) 2
- B) 8
- C) 18

CHEMISTRY QUIZ

SUNITHA PAI, teacher, St Joseph's Boys High School, Bengaluru

3) WHICH ELEMENT HAS THE SMALLEST SIZE?

- A) Boron
- B) Nitrogen
- C) Aluminium

4) WHICH OF THE FOLLOWING HAS ZERO ELECTRON AFFINITY?

- A) Neon
- B) Fluorine
- C) Sodium

5) WHICH OF THE FOLLOWING DOES NOT HAVE ANY UNIT?

- A) Electron affinity
- B) Atomic radii
- C) Electro negativity

ANSWERS
1) C, 2) B, 3) C, 4) A, 5) C

CHECK YOUR APTITUDE

Q.1) A car can cover a distance of 522 km on 36 litres of petrol. How far can it travel on 14 litres of petrol?

- A. 203
- B. 403
- C. 410
- D. 240

Q.2) A clock strikes once at 1 o'clock, twice at 2 o'clock, thrice at 3 o'clock and so on. How many times will it strike in 24 hours?

- A. 184
- B. 156

C. 180 D. 108

Q.3) Out of 11 patients in a nursing home, one aged 25 years was released and a new one was admitted. The average increased by 5 years. Find the age of new patient.

- A. 60 years
- B. 70 years
- C. 80 years
- D. 55 years

Q.4) The radius of the front wheel of an engine be 35cm and the rear wheel is 84 cm. How many times more than the rear wheel should the front wheel rotate to cover 660 metres?

- A. 175 times
- B. 190 times
- C. 2023 times
- D. 60 times

ANSWERS: 1. 203 2. 156 3. 80 4. 175 times

Arjun Sinha Class IX, VMS

INDIA SHINING

TURNING THE PAGES OF HISTORY TO DISCOVER TIMELESS LEGACIES

Ananthapura Lake Temple, Kerala

Built in the middle of a lake in the village of Ananthapura, the temple has an illustrious history dating back to the 9th century. This is the only lake



temple in Kerala; legend has it that it is the original seat of Ananthapadmanabha Swami. The temple is guarded by a 'vegetarian crocodile', who is affectionately known as Babiya. At any time, the lake has only one crocodile. Strangely enough, every time a guardian crocodile dies, another takes its place.
Aniket Adhikari, class XI, VMS

COMMON GRAMMATICAL MISTAKES

1. EMIGRATE/IMMIGRATE

THE RULES:

- "Emigrate" means to leave one's country
- "Immigrate" means to move into a non-native country or region

HOW NOT TO DO IT:

- Rima **immigrated** from India to Austria.
- Rima **emigrated** to Austria from India.

HOW TO DO IT PROPERLY:

- Rima **emigrated** from India to Austria.
- Rima **immigrated** to Austria from India.

Koushiki Sinha, Class XI, VMS

SCHOOL IS COOL

HOW TO OVERCOME OUR BIGGEST FEAR

Nothing scares people more than their biggest fear. It only exists in our mind. Everyone has some fear and is searching ways to overcome it. When we think negatively about our fears, we are growing them. Fear is not real until we grow it. We all engage our minds in negative thoughts and are afraid of facing the realities.

Facing our biggest fear not only helps in overcoming it but also helps in building our character. When we are afraid of something, we start avoiding it, but it doesn't help. Instead of bowing to our fears, we need to take the following small steps to overcome and defeat them.

Firstly, we must find someone whom we can trust and share all our fears and anxieties with.

Secondly, we must challenge our fears eye to eye and face them with courage. Thirdly, we must not panic in difficult situations and meditate to calm ourselves. Fourthly, try to divert our mind from fears and indulge ourselves in other activities. Finally, spend some time with our fears, take a deep breath and say "ALL IS WELL." This is the way we can challenge the challenges in the most challenging way!!

PRIYANSHI PILANIA, VII, Prince Public School, Budh Vihar

THE TIME LOST IS TIME GAINED

The online platform not only caters to the academic facet but also takes care of the mental and physical wellbeing of the students through regular activity classes ensure that there is never a dull moment in a child's life. Now we have been using the kitchen ingredients for measurements, noting the chemical changes as they come into contact with other substances. Even the laws of



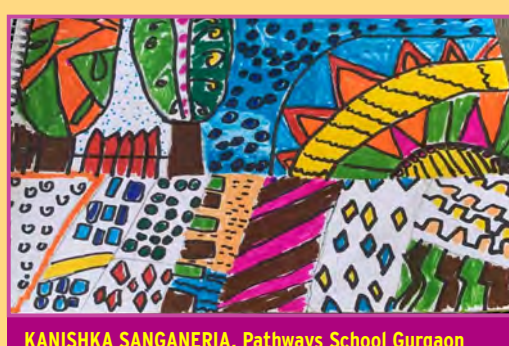
physics hidden in various devices like fan, wall clock, mirror etc. are being explored like never before. History, Geography and Sociology now seem like old friends when we explore every single detail of past, across the globe in search of answers for the spread of this pandemic. One positive thing that has come out of this pandemic is that now we respect nature and know that not even the smallest of the entity in this big universe is without a purpose.

ACHINTYA SHARMA, VIII, GD Goenka, Dwarka

STUDENT CONTRIBUTION



AISHA YADAV, Pathways School Gurgaon, Ballyawas



KANISHKA SANGANERIA, Pathways School Gurgaon



ELLIS FRANCIS, XII, Holy Child School



JIGYASA, VIII, Modern Era Convent B-1, Janakpuri

Mind teasers

ENGLISH QUIZ

Find the correctly spelt words.

Q.1) A. recommendation B. recomendation C. recommmendation D. recommendand

Q.2) A. central B. centrul C. centrol D. cintral

Q.3) A. government B. govermint C. governmant D. governmend

Q.4) A. oreginal B. orignal C. originaul D. original

Q.5) A. divade B. divide C. diwide D. divude

Q.6) A. teritories B. territories C. territorrys D. territorries

Q.7) A. axceptang B. axepting C. axcepting D. axcepting

Q.8) A. contry B. countrye C. countri D. country

ANSWERS

- (1) (D) (2) (C) (3) (A) (4) (D) (5) (B) (6) (B) (7) (C) (8) (D)

CURRICULUM EXERCISES

Q1. What is a Displacement Reaction?
Q2. Identify the species of this bird.



Answer: (1) Displacement reaction is a chemical reaction in which a more reactive element displaces a less reactive element from its compound. Both metals and non-metals take part in displacement reactions. Example: Reaction of iron nails with copper sulphate solution. (2) Blue canary bird

FUN-ZONE

Rock The Test

Want to boost your general knowledge? Take this exciting test. Rest assured, it will really test you!

Q1: Wasting less food is a way to reduce greenhouse gas emissions.
A: True B: False

Q2: Which of the following is a greenhouse gas?
A: CO₂ B: CH₄
C: Water vapour D: All of the above

Q3: What is the Greenhouse Effect?
A: The name of climate change legislation that passed by congress
B: When you paint your house green to become an environmentalist
C: When the gases in our atmosphere trap heat and block it from escaping our planet
D: When you build a greenhouse

Q4: How long does CO₂ remain in the atmosphere?
A: Less than 1 yr B: True

Q5: Which of the following gases does not trap heat?
A: Carbon dioxide
B: Nitrogen
C: Water vapour
D: Methane

Q6: Compared to other greenhouse gases, carbon dioxide is the most effective at trapping heat near the Earth's surface.
A: False B: True

Q7: Earth has been warmer in the past than it is today.
A: False B: True

Q8: Which country emits the most carbon dioxide?
A: China B: USA
C: UK D: Russia

Q9: What percentage of global greenhouse gas emissions does the transportation sector emit?
A: 1% B: 14%
C: 33% D: 70%

Q10: Globally, which of the following economic sectors emits the largest percentage of greenhouse gas emissions?
A: Transportation
B: Buildings
C: Industry
D: Electricity and heat production

Q11: How much has the average global temperature risen by since 1880 (in Fahrenheit)?
A: 0.5 degrees
B: 1.69 degrees
C: 5 degrees
D: 3.73 degrees

ANSWERS: 1. A, 2. D, 3. C, 4. C, 5. B, 6. A, 7. B, 8. B, 9. A, 10. D, 11. B