

"Relevant UPSC 2024 questions found in our group, shaping the path to Success"

- ✓ The pictures included in this collection were taken directly from our group only
- ✓ Answers to the questions can be obtained through quizzes, newspaper highlights, or PDFs with some basic concept ideas
- ✓ Lots of questions (30+ Qns) have a directly attended.
- ✓ For certain questions, one or two options are clearly mentioned
- ✓ At Bottom - same concepts mentioned(lack in direct qns)
- ✓ All the questions in the group are based on current affairs sources, not on any standard books like NCERT or Lakshmikant.

If you find this collection useful, feel free to share it with your friends as well.

[Telegram @ CURRENT AFFIRS QUIZ \(THE HINDU\)](#)

Q1)

The Constitution (71st Amendment) Act, 1992 amends the Eighth Schedule to the Constitution to include which of the following languages?

1. Konkani
2. Manipuri
3. Nepali
4. Maithili

Select the correct answer using the code given below:

- (a) 1, 2 and 3
- (b) 1, 2 and 4
- (c) 1, 3 and 4
- (d) 2, 3 and 4

 **Current affairs quiz(The** 4.9K subscribers

Sindhi was introduced by the 21st Amendment Act of 1967, Konkani, Manipuri, and Nepali by the 71st Amendment Act of 1992, and Santali, Dogri, Maithili, and Bodo by the 92nd AA of 2003.

Q365)The 71st Amendment Act of 1992 included which of the following languages in the Eighth Schedule?

a) Sindhi, Konkani, and Manipuri b) Konkani, Manipuri, and Nepali c) Nepali, Maithili, and Dogri d) Manipuri, Sindhi, and Santali

Anonymous Quiz

28%	Option a	
32%	Option b	
30%	Option c	
10%	Option d	

68 answers 312 10:28 PM

Leave a comment

Q2)

21. The organisms "Cicada, Froghopper and Pond skater" are :
- (a) Birds
 - (b) Fish
 - (c) Insects
 - (d) Reptiles

 **Current affairs quiz(The** 4.9K subscribers

Pinned Message

 Cicadas are classified as insects. They are known for their distinctive loud buzzing sound produced by males to attract mates.

Q248)What type of organism are cicadas?
a) Birds b) Insects c) Mammals d) Reptiles

Anonymous Quiz

14%	Option a	
44%	Option b	
23%	Option c	
19%	Option d	

57 answers 214 9:47 PM

 **Leave a comment** 

Q3)

How many Delimitation Commissions have been constituted by the Government of India till December 2023?

- (a) One
- (b) Two
- (c) Three
- (d) Four

←  **Current affairs quiz(The** 4.9K subscribers

Commission has been setup only 4 times in the past (1952, 1963, 1973 and 2002). February 16, 2023

Current affairs quiz(The Hindu)

1. The orders of the Delimitation Commission cannot be challenged in a Court of Law.

2. When the orders of the Delimitation Commission are laid before the Lok Sabha or State Legislative Assembly, they cannot affect any modifications in the orders. **✓ Ans**

Anonymous Quiz

18% a) 1 only

14% b) 2 only

56% c) Both 1 and 2 **✓**

12% d) Neither 1 nor 2

110 answers

 2

398 1:30 PM

Q4)

Operations undertaken by the Army towards upliftment of the local population in remote areas to include addressing of their basic needs is called :

- (a) Operation Sankalp
- (b) Operation Maitri
- (c) Operation Sadbhavana
- (d) Operation Madad

←

NEWSPAPER QUIZ

Current affairs quiz(The

4.9K subscribers

Pinned Message

Pinaka -ER 1.Developed by drdo 2.Anti Baltic...

Anonymous Quiz

9% 1,2

59% 1,2,3

27% 2,3

5% 1,3

22 answers

75 11:51 AM

Operation sadbhavana related to

Anonymous Quiz

0% Combat new covid variant

26% By Indian navy at gulf countries

44% By Indian army at JK

30% Promote culture tour

23 answers

77 11:54 AM

←

NEWSPAPER QUIZ

Current affairs quiz(The

4.9K subscribers

Pinned Message

Indian Army is undertaking multiple welfare activities such as running of Army Goodwill Schools, Infrastructure Development Projects and Education Tours for the children living in remote areas

Anonymous Quiz

(b) Only two

(c) Only three

(d) All four

64 answers

364 10:41 AM

Leave a comment

1. Operation Sadbhavana is primarily focused on:

Anonymous Quiz

15% (a) Boosting tourism in Jammu and Kashmir.

16% (b) Providing humanitarian aid to refugees in Ladakh.

56% (c) Addressing the aspirations of people affected by terrorism in J&K and Ladakh.

Q5)

One of the following regions has the world's largest tropical peatland, which holds about three years worth of global carbon emissions from fossil fuels; and the possible destruction of which can exert detrimental effect on the global climate. Which one of the following denotes that region?

- (a) Amazon Basin
- (b) Congo Basin
- (c) Kikori Basin
- (d) Rio de la Plata Basin

 1 comment

Q98) It accounts for 60% of the rainforest and experiences persistent high rates of primary forest loss. It has one of the highest population growth rates in the world – 3.19 per cent. Recently, in the eastern province of North Kivu, nearly a million people have been displaced due to the ongoing conflict with the rebel group, Mouvement du 23 Mars

178 5:04 PM

Leave a comment

Relates to

A) Chad B) Guinea C) Lebanon D) Democratic Republic of the Congo

Anonymous Quiz

10% Option A

13% Option B

26% Option C

51% Option D

 **Current affairs quiz(The** 4.9K subscribers

Pinned Message

#MAINS 1 The Electronics and Information... the world.

- ✨ most populous (112 million) officially Francophone country in the world.
- ✨ The national capital and largest city is Kinshasa
- ✨ country is bordered by the Republic of the Congo, Central African Republic, South Sudan, Uganda, Rwanda, Burundi, Tanzania (across Lake Tanganyika), Zambia, Angola, the Cabinda exclave of Angola and the South Atlantic Ocean.
- ✨ extremely rich in natural resources but has suffered from political instability
- ✨ Government: Unitary semi-presidential republic
- ✨ central sub-Saharan Africa, straddles the Equator
- ✨ Congo rainforest, the second-largest rain forest in the world after the Amazon rainforest.

Q6)

6. With reference to the Himalayan rivers joining the Ganga downstream of Prayagraj from West to East, which one of the following sequences is correct ?
- (a) Ghaghara – Gomati – Gandak – Kosi
 - (b) Gomati – Ghaghara – Gandak – Kosi
 - (c) Ghaghara – Gomati – Kosi – Gandak
 - (d) Gomati – Ghaghara – Kosi – Gandak

← **Current affairs quiz(The Hindu Newspaper Quiz)** 4.9K subscribers

Pinned Message
👉 Here are 10 simple questions based on the...
07 answers 330 8:56 PM

May 29

💬 Leave a comment ➤ ➡

Q583) The Mahanada, the Ghagra, the Gandak, and the Kosi rivers are tributaries of the river ____.
Anonymous Quiz

4% Indus
10% Yamuna
75% Ganga
11% Brahmaputra

92 answers 375 8:56 PM

💬 Leave a comment ➤ ➡

👉 questions based on the fact file
387 8:56 PM

💬 Leave a comment ➤ ➡

May 30

← **1 Comment**

April 8

Current affairs quiz(The Hindu Newspaper Quiz) channel

Q162) Arrange the following tributaries of Ganga from East to West.

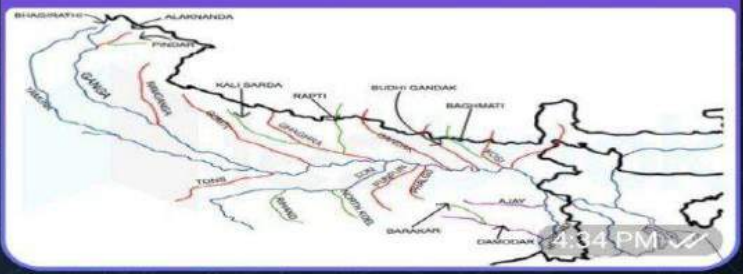
1.Son 2. Ghagra 3. Gandak 4. Kosi
Anonymous Quiz

50% A) 4, 3, 1, 2
22% B) 4, 1, 2, 3
20% C) 3, 2, 1, 4
8% D) 1, 3, 2, 4

40 answers 211 4:34 PM

Discussion started

The Hindu Newspaper Quiz



Send anonymously

Q7)

Under which of the following Articles of the Constitution, has the Supreme Court of India placed the Right to Privacy?

- (a) Article 15
- (b) Article 16
- (c) Article 19
- (d) Article 21

594 2:42 PM

ARTICLE 21 - PROTECTION OF LIFE AND PERSONAL LIBERTY

Current affairs quiz(The Hindu)

Right to Privacy is protected as an intrinsic part of Fundamental Right. Which of the following in the Constitution of India correctly and appropriately imply this statement?

Anonymous Quiz

- 11% A. Article 14 and the provisions under the 42nd Amendment to the Constitution
- 5% B. Article 17 and the Directive Principles of State Policy in Part IV
- 81% C. Article 21 and the freedoms guaranteed in Part. III
- 3% D. Article 24 and the provisions under the 44th Amendment to the Constitution

155 answers

👍 1

👁 496 10:21 PM

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←  **Current affairs quiz(The Hindu)** 4.9K subscribers

1. right to privacy and thus protected under Article 21 of the Constitution

3. According to Directive Principle 51(c) of the Constitution, international conventions

(2017), the right to communication has been held to be a part of the right to privacy and thus protected under Article 19 of the Constitution

2. Article 17 of the International Covenant on Civil and Political Rights, 1966, to which India is a party, says that 'no one shall be subjected to arbitrary or unlawful interference with his privacy, family, home and correspondence nor to unlawful attacks on his honour and reputation'.

3. According to Directive Principle Article 50 of the Constitution, international conventions must be respected unless they are in conflict with domestic laws.

👁 345 7:41 PM

Leave a comment

How many of the statements given

Q8)

8. Consider the following countries :

1. Finland
2. Germany
3. Norway
4. Russia

How many of the above countries have a border with the North Sea ?

- (a) Only one
- (b) Only two
- (c) Only three
- (d) All four

<https://t.me/newspaperquizz>

← 1 Comment

March 20

Current affairs quiz(The Hindu)channel

The North Sea is a body of water bordered by how many of the following countries :

1.Great Britain 2.Norway 3.Denmark
4.Germany 5.Netherlands 6.Belgium
7.France

Anonymous Quiz

17% (a) Only 4

30% (b) Only 5

25% (c) Only 6

28% (d) All 7

67 answers

Discussion started

The Hindu Newspaper Quiz

The U.K. Prime Minister, Rishi Sunak, announced plans to grant more than 100 licenses for oil and gas exploration in the North Sea starting in the autumn.



44% c) NORTH Sea

4% d) Arabian Sea

46 answers

191 8:38 PM

Discussion started

The Hindu Newspaper Quiz



8:42 PM

The Hindu Newspaper Quiz

At the end of first summit in Denmark in 2022, Belgium, Denmark, Germany and Netherlands signed the Esbjerg Declaration.

o Esbjerg Declaration aimed at making the North Sea into the "Green Power Plant of Europe", an offshore renewable energy system

17. With reference to perfluoroalkyl and polyfluoroalkyl substances (PFAS) that are used in making many consumer products, consider the following statements :

1. PFAS are found to be widespread in drinking water, food and food packaging materials.
2. PFAS are not easily degraded in the environment.
3. Persistent exposure to PFAS can lead to bioaccumulation in animal bodies.

Which of the statements given above are correct?

- (a) 1 and 2 only
(b) 2 and 3 only
(c) 1 and 3 only
(d) 1, 2 and 3



Current affairs quiz(Th

4.9K subscribers

Pinned Message

👉 Questions Based on the PT 365 - Internatio

April 19

1. "Forever chemicals" is a colloquial term for per- and polyfluoroalkyl substances (PFAS), a large group of naturally occurring chemicals found in the environment.

2. Forever chemicals are known for their weak carbon-fluorine bonds, making them susceptible to degradation in the natural environment.

3. PFAS, known for their water- and grease-resistant properties, have been extensively utilized in various products such as non-stick cookware, water-repellent clothing, stain-resistant fabrics, food packaging, firefighting foams, and cosmetics.

4. The Stockholm Convention on Persistent Organic Pollutants, adopted on 22 May 2001 in Stockholm, Sweden, entered into force on 17 May 2004 and currently lists PFHxS, PFOA, and PFOS as the three subgroups of PFASs categorized as industrial POPs.

Current affairs quiz(The Hindu )

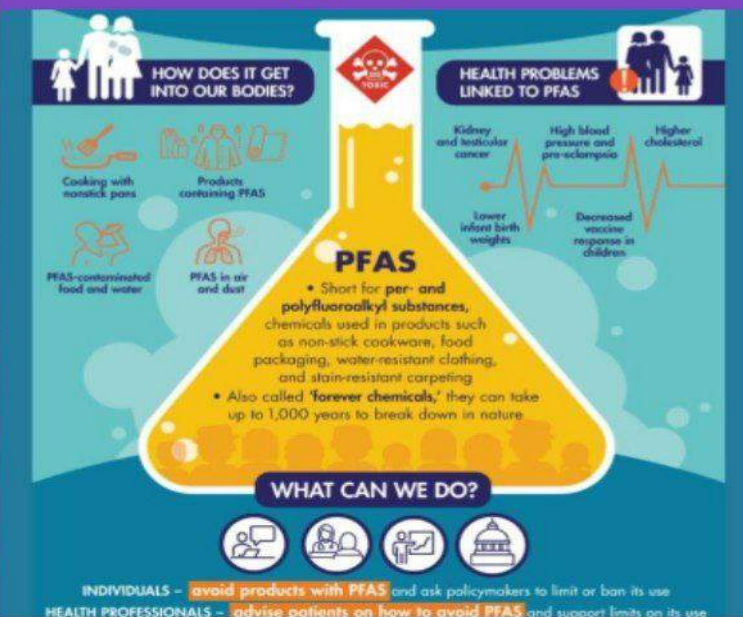
Select the correct answer using the code give...

The Hindu Newspaper Quiz

“Forever chemicals” is a colloquial term for per- and polyfluoroalkyl substances (PFAS), a large group of man-made chemicals that have been widely used in various industrial applications and consumer products since the 1940s. Forever chemicals are characterized by their extremely strong carbon-fluorine bonds, which make them resistant to heat, water, and oil, as well as degradation in the natural environment.

1:26 PM ✓✓

The Hindu Newspaper Quiz



Q10) Consider the following statements :

Statement-I :

The Indian Flying Fox is placed under the "vermin" category in the Wild Life (Protection) Act, 1972.

Statement-II :

The Indian Flying Fox feeds on the blood of other animals.

Which one of the following is correct in respect of the above statements ?

- (a) Both Statement-I and Statement-II are correct and Statement-II explains Statement-I
- (b) Both Statement-I and Statement-II are correct, but Statement-II does *not* explain Statement-I
- (c) Statement-I is correct, but Statement-II is incorrect

Current affairs quiz(The

4.9K subscribers

Least Concerned

104 answers 537 1:06 PM

Leave a comment

1. Indian Flying Fox (*Pteropus medius*) is a species of megabats native to the Indian subcontinent

2. One of the largest bats in the world it is also known for carrier of many diseases

3. Conservation Status - Endangered

4. It is nocturnal & mammal ✓

Answer

Anonymous Quiz

17% 1,2 and 3 only

19% 2,3 and 4 only

22% 1,3 and 4 only

Current affairs quiz(The

4.9K subscribers

Pinned Message

Album

Bats are the largest mammalian group after rodents, with over 1,300 species making up a quarter of all mammals.

They occur on all continents except Antarctica and are particularly diverse in South Asia, with 114 species of insect-eating bats and 14 fruit bats, also known as "flying foxes", occurring in India.

They roost in large colonies on trees, tree hollows, caves, rock crevices and abandoned manmade structures.

They play a unique role in maintaining ecosystem structure, making a singular contribution to our food production, economy and well-being.

They are the only mammals capable of true flight and have a unique sonar-based echolocation mechanism to capture prey at night.

Why do bats never fall sick?

Batting for bats, Kerala institute

Mini Muringatheri
THRISSUR

Bats have been cloaked in superstition since ancient times. Their nocturnal nature and spooky appearance place them in horror stories.

The Kerala Forest Research Institute (KFRI) is on a mission to dispel myths associated with bats and create awareness about their diversity, ecosystem functions, and threats faced by them.

KFRI Director Syam Viswanath launched a social



People are largely unaware of the economic and environmental benefits that bats provide to humans. GETTY IMAGES/ISTOCKPHOTO

media campaign 'Bat for Bats' at the institute recently as part of International Bat Appreciation Day. Founded by the Bat Conservation International in 2013, the day aims to re-

mind people of the role bats play in daily lives of people.

Nithin Divakar, who is doing doctoral research on bats at the KFRI, says the public is largely unaware of

the economic and environmental benefits that bats provide to humans. Globally, there are 1,460 species of bats categorised into 21 families. In India, 135 bat species belonging to nine families have been identified, with Kerala home to 48 of the species. Bats play a crucial role in pollination and seed dispersal of over 500 plants of commercial and ecological value, aiding in forest regeneration, he says.

"Studies show that an insectivorous bat, which can be as small as our little

finger, can consume at least 1,400 small insects in an hour, helping to save billions of dollars in agricultural losses," says Mr. Divakar. "Anthropogenic factors such as habitat loss, poaching, environmental pollution, climate change, and biological invasions have caused the decline of bat population worldwide," he says.

At present, the KFRI is undertaking three key projects on bats, says Peroth Balakrishnan, Head of the Department of Wildlife Biology, KFRI.

The first is a long-term study that focusses on the community ecology of bats in Kerala across various vegetational gradients. The second is on participatory conservation efforts for Salim Ali's fruit bat, the only endangered bat species in Kerala. The third is a citizen science programme called the Indian Fruit Bat Project launched in June 2022.

This project aims to map and conserve the roosting sites of Indian flying fox, one of the world's largest bats.

Q11)

15. On June 21 every year, which of the following latitude(s) experience(s) a sunlight of more than 12 hours ?

1. Equator
2. Tropic of Cancer
3. Tropic of Capricorn
4. Arctic Circle

Select the correct answer using the code given below :

- (a) 1 only
- (b) 2 only
- (c) 3 and 4
- (d) 2 and 4

Q5)

1. June 21 is selected as Yoga day as it's the longest day of the year, observed as the summer solstice and shares a special significance in many parts of the world

2. Yoga, like practices are said to be first mentioned in Rigveda Indian ancient text

<https://t.me/newspaperquizz>

Current affairs quiz(The

4.9K subscribers

In the northern hemisphere, the longest day of the year is called the summer solstice. The maximum amount of sunlight received by the Northern Hemisphere during this time is usually on June 20, 21/22.

In the northern hemisphere, the longest day of the year normally occurs in the:

Anonymous Quiz

- 14% First half of the month of June
- 76% Second half of the month of June
- 6% First half of the month of July
- 4% Second half of the month of July

3. During an equinox, at North and South Poles on the earth, the sun neither rises nor sets. 325 12:25 PM

Leave a comment

Choose the incorrect answer

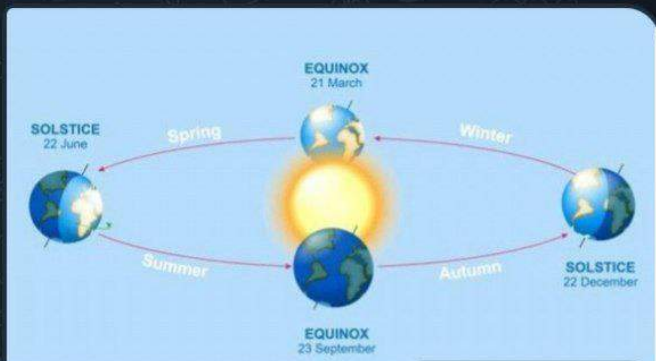
Anonymous Quiz

- ☐ 2 only
- ☐ 1 and 3 only
- ☐ 3 only
- ☐ None

106 answers

322 12:25 PM

7 comments



Q12)

Which of the following statements is correct in respect of a Money Bill in the Parliament?

1. Article 109 mentions a special procedure in respect of Money Bills.
2. A Money Bill shall not be introduced in the Council of States.
3. The Rajya Sabha can either approve the Bill or suggest changes but cannot reject it.
4. Amendments to a Money Bill suggested by the Rajya Sabha have to be accepted by the Lok Sabha.

Select the answer using the code given below:

- (a) 1 and 2 only
(b) 2 and 3 only
(c) 1, 2 and 3
(d) 1, 3 and 4

Current affairs quiz(The Hindu)

Q7) CONSTITUTIONAL PROVISIONS RELATED TO BUDGET

1. Article 109 Special procedure in respect of Money Bills
2. Article 116 Vote on account, Vote of credit and Exceptional Grant
3. Article 265 Taxes not to be imposed except by authority of law
4. Article 292 Borrowing by the

Current affairs quiz(The Hindu)

What will follow if a Money Bill is substantially amended by the Rajya Sabha (RS) ?

Anonymous Quiz

77% Lok Sabha may still proceed with the Bill, accepting or not accepting the recommendations of the RS



8% The Lok Sabha cannot consider the Bill further

6% The Lok Sabha may send the Bill to the Rajya Sabha for reconsideration

9% The President may call a joint sitting for passing the Bill



Leave a comment



1.If any question arises whether a bill is a money bill or not, the decision of the Speaker of the Lok Sabha is final.

2.A money bill can ONLY BE INTRODUCED IN THE LOK SABHA and that too on the recommendation of the president.

3.when a money bill is presented to the president, he may either give his assent to the bill or withhold his assent to the bill but CANNOT RETURN THE BILL for reconsideration of the Houses.

4.if a Money Bill is substantially amended by the Rajya Sabha, The Lok Sabha may still proceed with the Bill, accepting or not accepting the recommendations of the Rajya Sabha

376 2:00 PM



2 comments



Q13)

The total fertility rate in an economy is defined as :

- (a) the number of children born per 1000 people in the population in a year.
- (b) the number of children born to a couple in their lifetime in a given population.
- (c) the birth rate minus death rate.
- (d) the average number of live births a woman would have by the end of her child-bearing age.

NFHS 5 _ India's TFR 2.0

Leave a comment

1. Total Fertility Rate of about 2.1 children/women is called Replacement Fertility Rate
2. India's TFR below the RFR
3. NFHS indicates India's urban Fertility Rate to be 1.6 which places next to UK Choose the correct answer

Anonymous Quiz

15% 1 and 3 only

19% 2 and 3 only

16% 1 and 2 only

50% All

74 answers 221 1:22 PM

Leave a comment

Current affairs quiz(The Hindu)
4.9K subscribers

←

Pinned Message

2. 3.4 to 2 % decreased
3. Bihar, megalya ,up , jhar, manipur

Current affairs quiz(The Hindu)

1. Total fertility rate means avg number of child/women.
2.As per NFHS 1 to 5, TFR has been increased .
3.Only 5 states still beyond Replacement level of fertility(2.1).
Choose correct

Anonymous Quiz

13% 1,2

12% 2,3

42% 1,3

33% All

24 answers 171 9:25 PM

Q14)

48. Which one of the following words/phrases is most appropriately used to denote “an interoperable network of 3D virtual worlds that can be accessed simultaneously by millions of users, who can exert property rights over virtual items”?

- (a) Big data analytics
- (b) Cryptography
- (c) Metaverse
- (d) Virtual matrix



Current affairs quiz(The
4.9K subscribers



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Album

37 answers 293 7:22 PM

 [Leave a comment](#) 

1.METaverse - A 3-D-enabled virtual reality space, provides digital experiences as an alternative to or a replica of the real world.

2.BHAROS - A Made in India mobile operating system developed by IIT Bombay.

3.6 Big Tech companies namely Apple, Amazon, Alphabet, ByteDance, Meta, and Microsoft were named as Gatekeepers(companies to face the highest level of scrutiny) by the UNSC.

4.Amid increasing cyber and malware attacks on defence as well as critical infrastructure, Ministry of Defence to replace Windows OS with Maya OS (based on an open-source platform Ubuntu)

 359 7:22 PM



Current affairs quiz(The
4.9K subscribers



**Pinned Message**
Friends , Shall I post any important topics or e...

1.Chief Admiral R. Hari Kumar inaugurated new equipment at INS Utkrosh in Andaman and Nicobar Islands.

🌟 New radar(Precision Approach Radar): Helps airplanes land safely in bad weather like heavy rain and fog.

🌟 New underwater system(IUHDSS -Integrated Underwater Harbour Defence and Surveillance System): Detects and tracks objects near the Port Blair harbor, making it more secure.

2.The Department of Agriculture & Farmers Welfare and the Ministry of Agriculture & Farmers Welfare have initiated the weather information network and data system (WINDS) to generate long-term, hyperlocal weather data

3.A UNICEF report of last year, 'The Metaverse, Extended Reality and Children', attempted an analysis of how virtual environments may evolve and how they are likely to influence children and young adults.



Q15)

Which one of the following was the latest inclusion in the Intangible Cultural Heritage List of UNESCO ?

- (a) Chhau dance
- (b) Durga puja
- (c) Garba dance
- (d) Kumbh mela

What has recently been inscribed on UNESCO's Representative List of the Intangible Cultural Heritage of Humanity?

Anonymous Quiz

13% a. Ramlila

24% b. Yoga practices

54% c. Garba of Gujarat

9% d. Kuchipudi dance

123 answers

383 10:40 PM

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←  **Current affairs quiz(The** 4.9K subscribers

2.Sankirtana - Manipur plains.
4.Gujarat's Garba becomes the 15th ICH element. This inscription underscores Garba's pivotal role as a unifying force that fosters social and gender inclusivity

2.Sankirtana - Set of arts performed to mark religious occasions and various stages in the life of the Vaishnava people of the Rajasthan plains.

3.Mudiyettu - A ritual dance drama from Kerala based on the tale of the battle between Darika, a demon and Goddess Kali.

4. Manipur's Garba becomes the 15th ICH element from India to join this list. 434 8:32 PM

Leave a comment

How many of the statements given above are correct?

Anonymous Quiz

5% (a) Only one

32% (b) Only two

- (a) a government officer prohibiting him from taking a particular action.
- (b) the Parliament/Legislative Assembly to pass a law on Prohibition.
- (c) the lower court prohibiting continuation of proceedings in a case.
- (d) the government prohibiting it from following an unconstitutional policy.

Current affairs quiz(The Hindu)
#It is issued by a higher court to a lower court...

TH

Mandamus.. clarify it

10:35 AM

The Hindu Newspaper Quiz

The Dark World

There is 2 parts in this question....

Habeas Corpus	The writ is issued to produce a person who has been detained before a court and to release him if such detention is found illegal.
Mandamus	This writ is issued by the Supreme Court or High Court to a lower court or public authority to perform a public or statutory duty.
Prohibition	This writ is issued by the High Court or the Supreme Court to any inferior court or quasi-judicial body prohibiting it from continuing the proceedings in a case where it has no jurisdiction to try.
Certiorari	This writ is issued by the Supreme Court or any High Court for quashing the order already passed by an inferior court or quasi-judicial authority
Quo warranto	This writ is issued with a view to restraining a person from holding a public office to which he is not entitled

TH



The Hindu Newspaper Quiz

Photo

Thank you so much 🙌..

That's why I like your channel,

Q17)

Consider the following properties included in the World Heritage List released by UNESCO :

1. Shantiniketan
2. Rani-ki-Vav
3. Sacred Ensembles of the Hoysalas
4. Mahabodhi Temple Complex at Bodhgaya

How many of the above properties were included in 2023 ?

- (a) Only one
- (b) Only two

Current affairs quiz(The Hindu) 4.9K subscribers

Santiniketan - West Bengal

List of 42 UNESCO World Heritage Sites in India

1. Kakatiya Rudreshwara (Ramappa) Temple - Telangana
 2. Dholavira - Gujarat
 3. Santiniketan - Maharashtra
 4. Hoysala temples of Belur, Halebidu and Somanathapura - Karnataka
- How many pairs are correct?

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Current affairs quiz(The Hindu) 4.9K subscribers

40 UNESCO listed world heritage sites

Rock Shelters of Bhimbetka (2003) Sun Temple, Konârak (1984) Dholavira: a Harappan City (2021) Rani-ki-Vav (the Queen's Stepwell) at Patan, Gujarat (2014)

April 3, 2023

Current affairs quiz(The Hindu)

1. Rock Shelters of Bhimbetka

2. Sun Temple, Konârak

3. Dholavira: a Harappan City

4. Rani-ki-Vav (the Queen's Stepwell) at Patan, Gujarat

How many above sites is/are present in List of World Heritage Sites in India ?

Anonymous Quiz

1% Only one site

11% Only two sites

32% Only three sites

56% All

30 answers

1

479 1:41 PM

Current affairs quiz(The Hindu) 4.9K subscribers

What organization released the 'Global Tax Ev...'

85 answers 356 7:51 PM

1 comment

1. Santiniketan is the 41st UNESCO World Heritage Site in India and the third in West Bengal, after the Sundarbans National Park and the Darjeeling Mountain Railways

2. It was established in 1901, by Mahatma Gandhi, as a residential school and centre for art based on ancient Indian traditions

3. In 1921, a 'world university' was established at Santiniketan, later recognised as 'Visva Bharati'

Current affairs quiz(The Hindu) 4.9K subscribers

Hoysalas temples are 4th WHS of India. It includes Chennakeshava temple (Belur) and Hoysaleswara temple (Halebidu) and Keshava temple (Somanathapur). Other three Hampi, Pattadakal and Western Ghat.

(c) All three

(d) None

55 answers 339 9:42 PM

Leave a comment

1. The Sacred Ensembles of Hoysalas in Karnataka, has been declared as 42nd UNESCO WHS.

2. It includes the temples of Hampi, Pattadakal and Western Ghat.

3. Hoysalas temples were built during 12th - 13th century. Which of the above statements are correct?

Anonymous Quiz

10% (a) 1 and 2 only

16% (b) 2 and 3 only

39% (c) 1 and 3 only

Q18)

Consider the following statements regarding 'Nari Shakti Vandan Adhiniyam' :

1. Provisions will come into effect from the 18th Lok Sabha.
2. This will be in force for 15 years after becoming an Act.
3. There are provisions for the reservation of seats for Scheduled Castes Women within the quota reserved for the Scheduled Castes.

Which of the statements given above are correct ?

- (a) 1, 2 and 3
- (b) 1 and 2 only
- (c) 2 and 3 only
- (d) 1 and 3 only

Current affairs quiz(The
4.9K subscribers

Pinned Message #635
Which company recently launched an AI mode...

Leave a comment

**NARI SHAKTI VANDAN
[CONSTITUTION (106TH
AMENDMENT)] ACT, 2023**

1.Article 239AA: Reservation
of 1/3rd seats for women in the
Legislative Assembly of the National
Capital Territory (NCT) of Delhi

2.Article 330A: Reservation of 1/3rd
seats for women in the House of
People (Lok Sabha) & Rajya Sabha.

3.Article 332A: Reservation of 1/3rd
seats for women in the Legislative
Assembly of every State & Legislative
Councils.

4.Article 334A: Provisions of this
act shall come into effect after
delimitation after the first census
taken after the commencement of this act

306 10:07 PM

Leave a comment

Q19)

Which of the following statements about 'Exercise Mitra Shakti-2023' are correct?

1. This was a joint military exercise between India and Bangladesh.
2. It commenced in Aundh (Pune).
3. Joint response during counter-terrorism operation was a goal of this operation.
4. Indian Air Force was a part of this exercise.

Select the answer using the code given below:

- (a) 1, 2 and 3
- (b) 1, 2 and 4
- (c) 1, 3 and 4
- (d) 2, 3 and 4

**Current affairs quiz(The**
4.9K subscribers

Pinned Message
#MAINS 1 The Electronics and Information...

41 answers 260 8:12 PM

Leave a comment

Current affairs quiz(The Hindu)
military exercise called Mitra Shakti, held between India and
Anonymous Quiz

36% Nepal

25% Bhutan

35% Srilanka

4% UAE

76 answers

1 244 8:45 PM

Leave a comment

Consider the following statements :

1. It is the Governor of the State who recognizes and declares any community of that State as a Scheduled Tribe.
2. A community declared as a Scheduled Tribe in a State need not be so in another State.

Which of the statements given above is/are correct ?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

←
⋮


Current affairs quiz(The
 4.9K subscribers

i

President of India can modify, include, or exclude tribes or tribal communities from the Scheduled Tribes list.

1. Under Articles 341 and 342, the President of India is empowered to draw up a list of Scheduled Castes and Scheduled Tribes, respectively.

2. The inclusion or exclusion of any caste, race, or tribe from the Presidential list can be done by Parliament through legislation.

3. Governor of the state can modify, include, or exclude tribes or tribal communities from the Scheduled Tribes list.

4. Article 16(4) of the Constitution of India already provided for States to create special provisions for any backward classes it felt was underrepresented.

 331 12:27 PM

💬 Leave a comment
➔ ➡

←
1 Comment

i

Current affairs quiz(The Hindu)
How many of the statements given above are...

Declaration of Scheduled Areas:
The President of India is empowered to declare an area a Scheduled Area. He can direct that the whole or any specified part of a Scheduled Area shall cease to be a Scheduled Area. The President can increase or decrease the area of any Scheduled Area in a State after consultation with the Governor of that State and also alter its boundary lines but only by way of rectification of boundaries.

Executive power of State and Centre:
The executive power of a State extends to the Scheduled Areas therein. The Governor of each State having Scheduled Areas shall make a report to the President regarding the administration of the Scheduled Areas in that State.

The executive power of the centre extends to giving directions to the State regarding the administration of such Areas.

Tribes Advisory Council (TAC):
A Tribes Advisory Council has to be established in each State, having Scheduled Areas to deal with the welfare and advancement of Scheduled tribes in states.

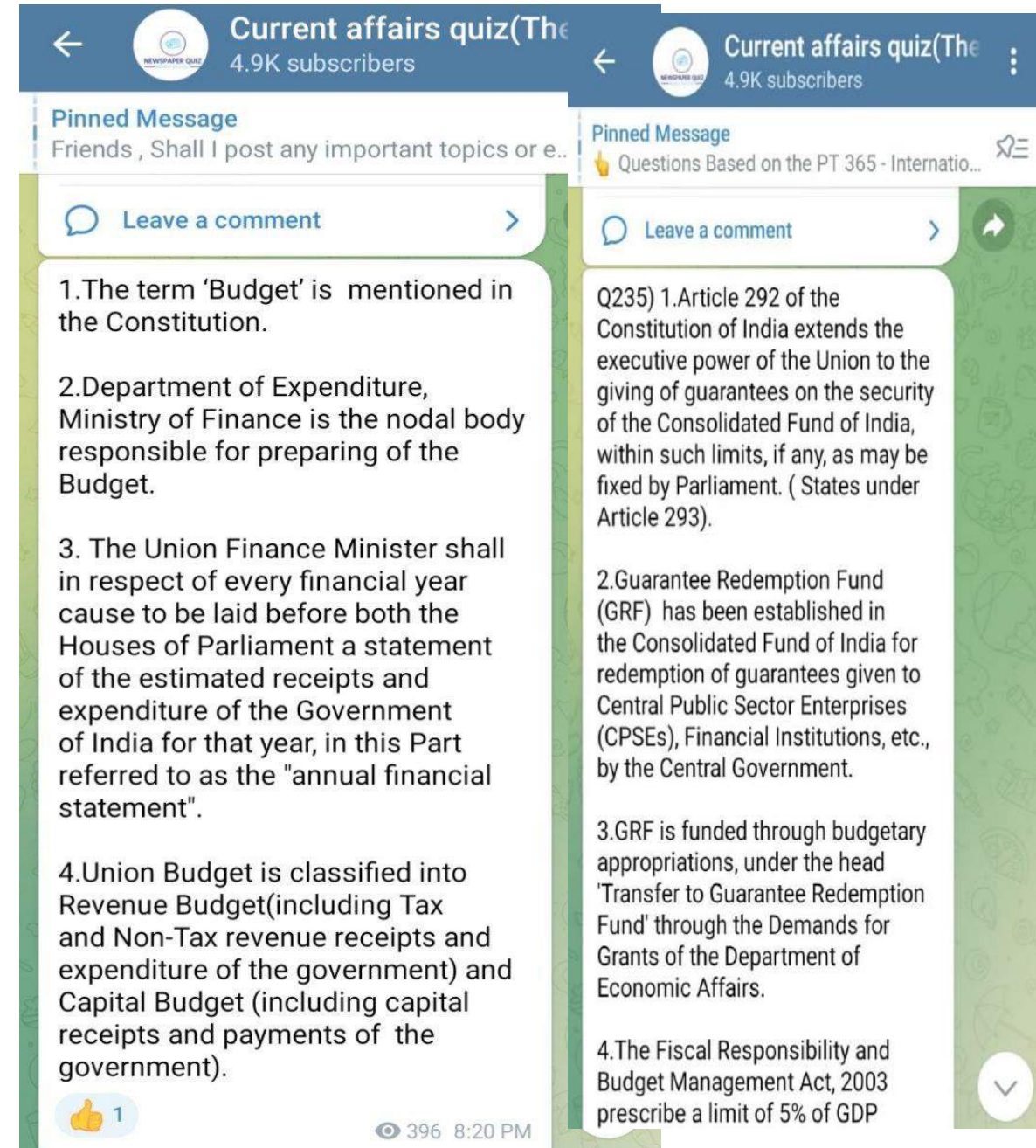
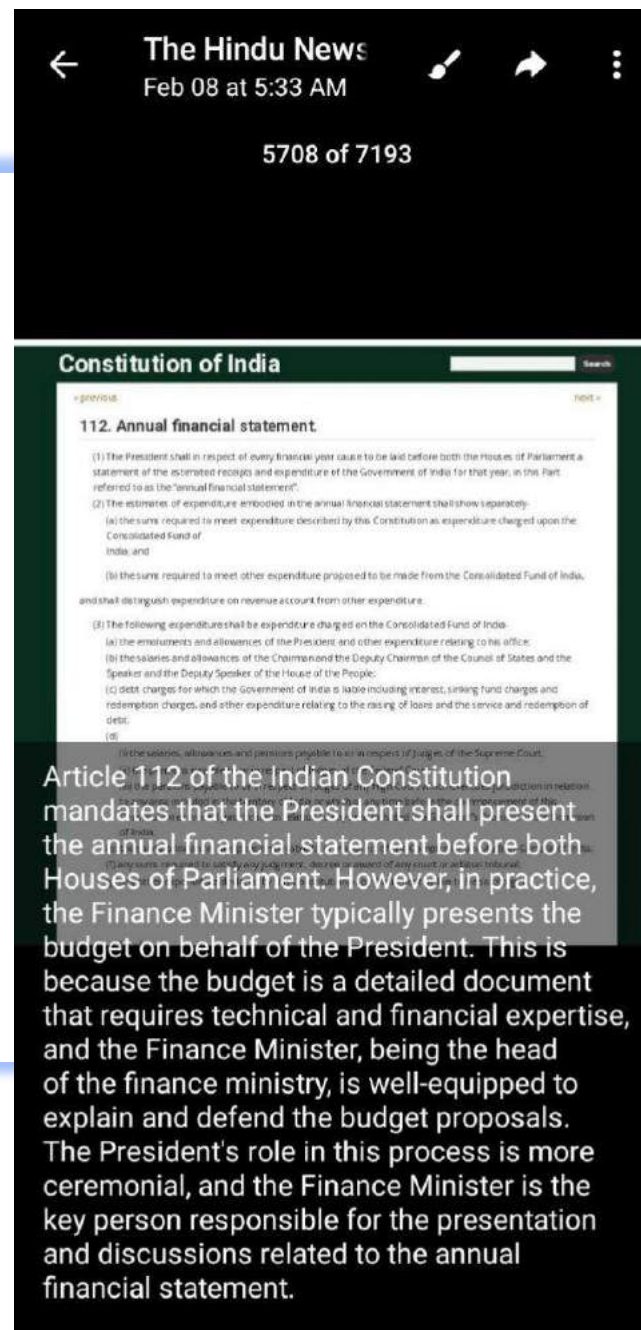
Q21)

With reference to Union Budget, consider the following statements :

1. The Union Finance Minister on behalf of the Prime Minister lays the Annual Financial Statement before both the Houses of Parliament.
2. At the Union level, no demand for a grant can be made except on the recommendation of the President of India.

Which of the statements given above is/are correct?

- (a) 1 only
(b) 2 only
(c) Both 1 and 2
(d) Neither 1 nor 2



<https://t.me/newspaperquizz>

Q22)

Consider the following statements :

Statement-I :

There is instability and worsening security situation in the Sahel region.

Statement-II :

There have been military takeovers/coups d'état in several countries of the Sahel region in the recent past.

Which one of the following is correct in respect of the above statements ?

- (a) Both Statement-I and Statement-II are correct and Statement-II explains Statement-I
- (b) Both Statement-I and Statement-II are correct, but Statement-II does **not** explain Statement-I
- (c) Statement-I is correct, but Statement-II is incorrect
- (d) Statement-I is incorrect, but Statement-II is correct

  **Current affairs quiz(The** 
4.9K subscribers

Pinned Message #714 
Given that the January edition of Vision IAS Cu...
wovor is widely spoken and is considered a national language. Other languages spoken include Pulaar, Serer, and Jola.

 Senegal is recognized for its political stability and has a long-standing democratic tradition. It gained independence from France in 1960.

 The economy is based on agriculture, fishing, and services. Senegal is a major producer of peanuts and has recently seen growth in industries like mining and tourism.

 Unique cultural aspects include traditional music genres like Mbalax, vibrant festivals, and colorful traditional clothing.

 **NEWS** - On February 3, weeks before the end of his second and final term, Senegal's President Maky Sall postponed Presidential elections due on February 25. Is Senegal's legacy as the only coup-free West African nation hanging by a thread?



  **Current affairs quiz(The** 
4.9K subscribers

Pinned Message 
 Here are 10 simple questions based on the...

☐ Option d
46 answers  211 5:24 PM
1 comment 

Q575)
1. Three Sahel nations-Mali, Burkina Faso and Niger- have signed a defence pact to cooperate against threats of armed rebellion or external aggression.

Operations barkhane
1. 2013-14 started by France 2. Aim - counter terrorism actions in Sahel region of western Africa Choose the incorrect answer?

Q23)

With reference to the Speaker of the Lok Sabha, consider the following statements:

While any resolution for the removal of Speaker of the Lok Sabha is under consideration:

1. He/She shall not preside.
2. He/She shall not have the right to speak.
3. He/She shall not be entitled to vote on the resolution in the first instance.

Which of the statements given above is/are correct?

- (a) 1 only
- (b) 1 and 2 only
- (c) 2 and 3 only
- (d) 1, 2 and 3

<https://t.me/newspaperquizz>

←  **Current affairs quiz(The** ⋮

4.9K subscribers

Pinned Message

🍀 TOO much people won't interested i think, b...

Article 179

February 13

1. A member holding office as Speaker or Deputy Speaker of an Assembly may be removed from his office by a resolution of the Assembly passed by a majority of all the then members of the Assembly

2. It is provided that no resolution for the purpose shall be moved unless at least fourteen days' notice has been given of the intention to move the resolution

3. Whenever the Assembly is dissolved, the Speaker shall not vacate his office until immediately before the first meeting of the Assembly after the dissolution.

👁 361 4:57 PM

 [Leave a comment](#) 

How many of the statements given above are correct?

Anonymous Quiz

3% (a) Only one

28% (b) Only two

The Hindu Newspaper Quiz

PART VI

ARTICLE 179

Vacation and resignation of, and removal from, the offices of Speaker and Deputy Speaker

A member holding office as Speaker or Deputy Speaker of an Assembly—

(a) shall vacate his office if he ceases to be a member of the Assembly;

(b) may at any time by writing under his hand addressed, if such member is the Speaker, to the Deputy Speaker, and if such member is the Deputy Speaker, to the Speaker, resign his office; and

(c) may be removed from his office by a resolution of the Assembly passed by a majority of all the then members of the Assembly.

Provided that no resolution for the purpose of clause (c) shall be moved unless at least fourteen days' notice has been given of the intention to move the resolution.

Provided further that, whenever the Assembly is dissolved, the Speaker shall not vacate his office until immediately before the first meeting of the Assembly after the dissolution.

4:59 PM ✓

The Hindu Newspaper Quiz

When a resolution for removal of the Speaker is under consideration of the House, he/she cannot preside over the House, but can speak and take part in the proceedings of the House. Also, he/she can vote in the first instance, but not in the case of an equality of votes.

4:59 PM ✓

Q24)

With reference to the Indian Parliament, consider the following statements:

1. A bill pending in the Lok Sabha lapses on its dissolution.
2. A bill passed by the Lok Sabha and pending in the Rajya Sabha lapses on the dissolution of the Lok Sabha.
3. A bill in regard to which the President of India notified his/her intention to summon the Houses to a joint sitting lapse on the dissolution of the Lok Sabha.

Which of the statements given above is/are correct?

- (a) 1 only
- (b) 1 and 2
- (c) 2 and 3
- (d) 3 only

← 1 Comment

Current affairs quiz(The Hindu)

How many of the statements given above are...

- ❑ Only the Lok Sabha is subject to dissolution.
 - ❑ a dissolution ends the very life of the existing House, and a new House is constituted after general elections are held.
 - ❑ Two ways:
 1. Automatic dissolution, that is, on the expiry of its tenure of five years or the terms as extended during a national emergency; or
 2. Whenever the President decides to dissolve the House, which he is authorised to do. Once the Lok Sabha is dissolved before the completion of its normal tenure, the dissolution is irrevocable.
- Dissolution of LS → What happened to the bills
- Bills that Laps
- ❑ A bill pending in the Lok Sabha lapses (whether originating in the Lok Sabha or transmitted to it by the Rajya Sabha).
 - ❑ A bill passed by the Lok Sabha but pending in the Rajya Sabha lapses.
- Bills that don't Laps
- ❑ if the president has notified the holding of a joint sitting before the

← 1 Comment

Current affairs quiz(The Hindu)

How many of the statements given above are...

- ❑ If the president has notified the holding of a joint sitting before the dissolution
 - ❑ Pending in the Rajya Sabha but not passed by the Lok Sabha
 - ❑ Passed by both Houses but pending assent of the president
 - ❑ A bill passed by both Houses but returned by the president for reconsideration
- Statement 3: The Speaker of Lok Sabha continues in office even after the dissolution of the House and until 'Immediately before the first meeting of the House'. After the dissolution of the Lok Sabha, Speaker continues to hold the office till immediately before the first meeting of the newly elected Lok Sabha. On the dissolution of the House, although the speaker ceases to be the member of the Lok Sabha, he/she does not vacate the office. The speaker vacates the office immediately before the first meetings of the newly constituted House. A temporary Speaker, known as Speaker Pro Tem, presides over the first meeting of the newly elected Lok Sabha. In this First Meeting only, permanent speaker of the Lok Sabha is elected unanimously

6:49 PM ✓

Q25)

With reference to the Parliament of India, consider the following statements:

1. Prorogation of a House by the President of India does not require the advice of the Council of Ministers.
2. Prorogation of a House is generally done after the House is adjourned sine die but there is no bar to the President of India prorogating the House which is in session.
3. Dissolution of the Lok Sabha is done by the President of India who, save in exceptional circumstances, does so on the advice of the Council of Ministers.

Which of the statements given above is/are correct?

- (a) 1 only
- (b) 1 and 2
- (c) 2 and 3
- (d) 3 only

  **Current affairs quiz(The** 
4.9K subscribers

Pinned Message #663 
What is the significance of Article 141 in the In...

53 answers  286 6:48 PM

 [Leave a comment](#) 

Consider the following statements:

- 1.The Speaker of Lok Sabha has the power to adjourn the House sine die but, on prorogation, it is only the President who can summon the House
- 2.Unless sooner dissolved or there is an extension of the term, there is an automatic dissolution of the Lok Sabha by efflux of time, at the end of the period of five years, even if no formal order of dissolution is issued by the President
- 3.The Speaker of Lok Sabha continues in office even after the dissolution of the House and until immediately before the first meeting of the House

 307 6:48 PM

 [Leave a comment](#) 

Current affairs quiz(The Hindu)
How many of the statements given above are...

The Hindu Newspaper Quiz

Summoning

- ☒ President from time to time summons each House of Parliament to meet.
- ☒ But, the Maximum Gap between two sessions of Parliament cannot be more than six months [Art. 85]. [Parliament MUST meet at least twice a year]
- ☒ Constitution does not specify when or for how many days Parliament should meet.
- ☒ There are usually three sessions in a year, viz,
 - o the Budget Session (February to May);
 - o the Monsoon Session (July to September); and
 - o the Winter Session (November to December).
- ☒ So there is NO CONSTITUTIONAL REQUIREMENT FOR WINTER SESSION.
- ☒ Have there been any such instances in the past?
 - o As per parliamentary records, there have only been four instances in the past of the winter session not being held — in 1975, 1979, 1984 and 2020 [due to



Send anonymously



Q25)

With reference to the Parliament of India, consider the following statements:

1. Prorogation of a House by the President of India does not require the advice of the Council of Ministers.
2. Prorogation of a House is generally done after the House is adjourned sine die but there is no bar to the President of India prorogating the House which is in session.
3. Dissolution of the Lok Sabha is done by the President of India who, save in exceptional circumstances, does so on the advice of the Council of Ministers.

Which of the statements given above is/are correct?

- (a) 1 only
(b) 1 and 2
(c) 2 and 3
(d) 3 only

Current affairs quiz(The Hindu)

How many of the statements given above are...

winter session not being held – in 1975, 1979, 1984 and 2020 [due to covid 19]

Adjournment [Terminates a sitting]

☒ A session of Parliament consists of many meetings. Each meeting of a day consists of two sittings, that is, a morning sitting from 11 am to 1 pm and post-lunch sitting from 2 pm to 6 pm.

☒ A sitting of Parliament can be terminated by adjournment or adjournment sine die OR prorogation or dissolution (in the case of the Lok Sabha).

☒ An adjournment suspends the work in a sitting for a specified time, which may be hours, days or weeks. [by Speaker in Case of Loksabha]

Adjournment Sine Die

☒ Terminating a sitting of Parliament for an indefinite period. [by Presiding officer]

☒ Usually on the last day of the session the House is adjourned sine die.

Prorogation [Terminates a session]

☒ After the Houses being adjourned sine die, when the business of a

Current affairs quiz(The Hindu)

How many of the statements given above are...

President issues a notification [article 85(2)(a)] for prorogation of the session. However, the President can also prorogue the House while in session. [only on the advice of COMs]

☒ All pending notices (other than those for introducing bills) lapse on prorogation and fresh notices have to be given for the next session.

Dissolution [Terminates the life of a House]

☒ Only the Lok Sabha is subject to dissolution.

☒ a dissolution ends the very life of the existing House, and a new House is constituted after general elections are held.

☒ Two ways:

1. Automatic dissolution, that is, on the expiry of its tenure of five years or the terms

as extended during a national emergency; or

2. Whenever the President decides to dissolve the House, which he is authorised to do. Once the Lok Sabha is dissolved before the completion of its normal tenure, the dissolution is irrevocable

Q26)

Consider the following statements :

Statement-I :

The European Parliament approved The Net-Zero Industry Act recently.

Statement-II :

The European Union intends to achieve carbon neutrality by 2040 and therefore aims to develop all of its own clean technology by that time.

Which one of the following is correct in respect of the above statements ?

- (a) Both Statement-I and Statement-II are correct and Statement-II explains Statement-I
- (b) Both Statement-I and Statement-II are correct, but Statement-II does **not** explain Statement-I
- (c) Statement-I is correct, but Statement-II is incorrect
- (d) Statement-I is incorrect, but Statement-II is correct



Current affairs quiz(The
4.9K subscribers

⋮

Pinned Message

👉 Here are 10 simple questions based on the...

29 answers May 26 2027 11:05 PM

 Leave a comment >

Q516)

1. In the background of the failure of the global community to reach any agreement in the concluded COP 25, the European Union (EU) has come up with a climate action plan known as the European Green Deal.

2. The European Union is the largest emitter of greenhouse gases in the world

3. To become "climate neutral" by 2030 and to achieve this, a law will be brought which will be binding on all member countries. 👁 207 11:05 PM

 Leave a comment >

How many of the statements given above are correct?

Anonymous Quiz

10% (a) Only one



Q516)

1. In the background of the failure of the global community to reach any agreement in the concluded COP 25, the European Union (EU) has come up with a climate action plan known as the European Green Deal.
2. The European Union is the largest emitter of greenhouse gases in the world
3. To become "climate neutral" by 2030 and to achieve this, a law will be brought which will be binding on all member countries.

How many of the statements given above are correct?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

The European Union is the third-largest emitter of greenhouse gases in the world after China and the United States.

To become "climate neutral" by 2050 and to achieve this, a law will be brought which will be binding on all member countries.

Q27)

Consider the following statements:

Statement I:

Recently, Venezuela has achieved a rapid recovery from its economic crisis and succeeded in preventing its people from fleeing/emigrating to other countries.

Statement II:

Venezuela has the world's largest oil reserves.

Which one of the following is correct in respect of the above statements?

- (a) Both Statement I and Statement II are correct and Statement II explains Statement I
- (b) Both Statement I and Statement II are correct, but Statement II does not explain Statement I
- (c) Statement I is correct, but Statement II is incorrect
- (d) Statement I is incorrect, but Statement II is correct

<https://t.me/newspaperquizz>

Current affairs quiz(The Hindu)

4.9K subscribers

Pinned Message

Which two countries are involved in the territor...

Economy Relies heavily on oil exports.Faced economic challenges due to sanctions

Significance- It has the world's largest oil reserves

Government - Federal presidential republic under a centralized authoritarian dictatorship

Venezuela is a charter member of the United Nations (UN), Organization of American States (OAS), Union of South American Nations (UNASUR), Bolivarian Alliance for the Peoples of Our America (ALBA), Mercosur, Latin American Integration Association (LAIA) and Organization of American States (OEI).

NEWS-Venezuela's decision to conduct a referendum on claiming sovereignty over Essequibo, a disputed and oil-rich region now belonging to Guyana, has reopened historical tensions and escalated disputes between the two South American nations.

April 30

Current affairs quiz(The Hindu)channel

Q719)Which OPEC member country is located in South America?

a) Brazil
b) Chile c) Venezuela d) Brazil

Anonymous Quiz

5% Option a

17% Option b

66% Option c

12% Option d

41 answers

188 1:39 PM

Discussion started

The Hindu Newspaper Quiz

1:40 PM

Q28)

Consider the following :

1. Pyroclastic debris
2. Ash and dust
3. Nitrogen compounds
4. Sulphur compounds

How many of the above are products of volcanic eruptions ?

- (a) Only one
- (b) Only two
- (c) Only three
- (d) All four

← 1 Comment

Q392)The black cotton soil of India has been formed due to the weathering of
a) brown forest soil
b) fissure volcanic rock c) granite and schist d) shale and limestone

Anonymous Quiz

1% Option a

70% Option b

21% Option c

8% Option d

63 answers

301 9:15 PM

Discussion started

The Hindu Newspaper Quiz

Black soil in India is formed by the weathering of fissure volcanic rock.

Climatic condition along with the parent rock material is the important factors for the formation of black soil. Black soils are spread mostly across interior Gujarat, Maharashtra, Karnataka, and Madhya Pradesh on the Deccan trap plateau and the Malwa Plateau, where there is both moderate

<https://t.me/newspaperquiz>

← **Current affairs quiz(The Hindu)** 4.9K subscribers

Pinned Message
Here are 10 simple questions based on the...
66 answers 282 3:01 PM

1 comment

41)Statement-I: The smoke from a volcano can lead to a cooling of the Earth's surface for a short period.
Statement-II: Sulphur dioxide in the volcanic smoke transforms into sulphate aerosols, which reflect sunlight back into space.
Which one of the following is correct in respect of the above statements?
(a) Both Statement-I and Statement-II are correct, and Statement-II is the correct explanation for Statement-I.
(b) Both Statement-I and Statement-II are correct, but Statement-II is not the correct explanation for Statement-I.
(c) Statement-I is correct, but Statement-II is incorrect.
(d) Statement-I is incorrect, but Statement-II is correct.

208 3:01 PM

Tonga volcano could cause unusual weather for rest of decade: study

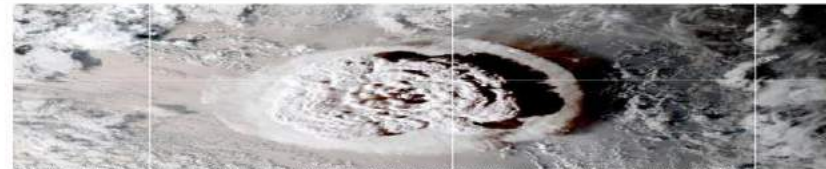
Usually, the sulphur dioxide in the smoke of a volcano cools the earth's surface for a short period. But now a study says that the smoke from the Tonga volcano could cause unusual weather for the rest of the decade.

By The Hindu

TONGA volcano eruption has caused a cooling of the earth's surface for a short period. But now a study says that the smoke from the Tonga volcano could cause unusual weather for the rest of the decade.

The world's first and largest scientific satellite mission, the Earth Radiation Budget Experiment, has found that the smoke from the Tonga volcano could cause unusual weather for the rest of the decade.

The study, which was led by a team of scientists from the University of California, San Diego, found that the smoke from the Tonga volcano could cause unusual weather for the rest of the decade.



The eruption of the undersea volcano Fungia Fungia off Tonga in 2012. The volcano has had another strong eruption since the photo was taken.

The eruption caused a cooling of the earth's surface for a short period. But now a study says that the smoke from the Tonga volcano could cause unusual weather for the rest of the decade.

← **Current affairs quiz(The Hindu)** 4.9K subscribers

Pinned Message
Here are 10 simple questions based on the...
66 answers 282 3:01 PM

1 comment

41)Statement-I: The smoke from a volcano can lead to a cooling of the Earth's surface for a short period.
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(c) Statement-I is correct, but Statement-II is incorrect.
(d) Statement-I is incorrect, but Statement-II is correct.

208 3:01 PM

Current affairs quiz(The Hindu)

Q486) Impact of volcanic eruptions on the ozone layer.

- 1.Triggers massive stratospheric water vapor plume.
- 2.Inject large quantities of sulphur dioxide (facilitates chemical conversion of chlorine making it more reactive)
- 3.Contribute atmospheric bromine, and hydrogen chloride
- 4.Eruption particles provide surfaces for chemical reactions for ozone-depleting substances.

313 7:23 PM

Leave a comment

THE HINDU

A large volcano hole that developed from a hole in the ground, which was caused by the eruption of the volcano.

The study, which was led by a team of scientists from the University of California, San Diego, found that the smoke from the Tonga volcano could cause unusual weather for the rest of the decade.

The study, which was led by a team of scientists from the University of California, San Diego, found that the smoke from the Tonga volcano could cause unusual weather for the rest of the decade.

Q29)

According to the Environmental Protection Agency (EPA), which one of the following is the largest source of Sulphur Dioxide emissions?

- (a) Locomotives using fossil fuels
- (b) Ships using fossil fuels
- (c) Extraction of metals from ores
- (d) Power plants using fossil fuels

Current affairs quiz(The Hindu )

Acid rain is caused by the pollution of environ...

The Hindu Newspaper Quiz

 ACID RAIN

☒ Precipitation more acidic than normal (pH of less than 5.6. pH below 7 is acidic).

- ☒ This can include rain, snow, fog, hail or even dust that is acidic.

☒ The SO₂ and NO_x react with water, oxygen and other chemicals to form sulfuric and nitric acids. These then mix with water and other materials before falling to the ground.

While a small portion of the SO₂ and NO_x that cause acid rain is from natural sources such as volcanoes, most of it comes from the burning of fossil fuels.

- ✦ The major sources of SO₂ and NO_x in the atmosphere are:
 - o Burning of fossil fuels to generate electricity. Two thirds of SO₂ and one fourth of NO_x in the atmosphere come from electric power generators.
 - o Vehicles and heavy equipment.
 - o Manufacturing, oil refineries and other industries.

Winds can blow SO₂ and NO_x over long distances and across borders



Current affairs quiz(The

4.9K subscribers

...

Pinned Message

Supreme court & high court judges appointme...

special majority

- ☐ Notification by cabinet
- ☐ None of the above

38 answers

143 7:52 PM

Consider the following statements:

(1) Coal ash contains arsenic, lead and mercury. (2) Coal-fired power plants release sulphur dioxide and oxides of nitrogen into the environment. (3) High ash content is observed in Indian coal. Choose correct

Anonymous Quiz

16% 1 and 2 only

29% 2 and 3 only

10% 1 and 3 only

45% All

31 answers

140 7:52 PM



<https://t.me/newspaperquizz>

Q30)

1. Consider the following statements :

Statement-I :

The atmosphere is heated more by incoming solar radiation than by terrestrial radiation.

Statement-II :

Carbon dioxide and other greenhouse gases in the atmosphere are good absorbers of long wave radiation.

Which one of the following is correct in respect of the above statements ?

- (a) Both Statement-I and Statement-II are correct and Statement-II explains Statement-I
- (b) Both Statement-I and Statement-II are correct, but Statement-II does **not** explain Statement-I
- (c) Statement-I is correct, but Statement-II is incorrect
- (d) Statement-I is incorrect, but Statement-II is correct

 **Current affairs quiz(The** 4.9K subscribers

 **★ Carbon dioxide strongly absorbs energy with a wavelength of 15 μm (micrometres). This makes carbon dioxide a good absorber of wavelengths falling in the infrared radiation region of the spectrum**

The increasing amount of carbon dioxide in the air is slowly raising the temperature of the atmosphere, because it absorbs
Anonymous Quiz

27%

 A. the water vapour of the air and retains its heat

20%

 B. the ultraviolet part of the solar radiation

10%

 C. all the solar radiations

43%

 D. the infrared part of the solar radiation



124 answers 377 8:06 AM

Leave a comment

UN reports 'off the charts' melting of glaciers

Agence France-Presse

GENEVA

The world's glaciers melted at dramatic speed last year and saving them is effectively a lost cause, the United Nations reported on Friday, as climate change indicators once again hit record highs.

The last eight years have been the warmest ever recorded, while concentrations of greenhouse gases such as carbon dioxide hit new peaks, the UN's World Meteorological Organization said.



The UN agency says the last eight years have been the warmest ever with concentration of green house gases hitting new peaks. AFP

"Antarctic sea ice fell to its lowest extent on record and the melting of some European glaciers was, literally, off the charts," the

WMO spelled out as it launched its annual climate overview.

Sea levels are also at a record high, having risen

by an average of 4.62 millimetres per year between 2013 and 2022 – double the rate it was between 1993 and 2002.

Record high temperatures were recorded in the oceans – where around 90% of the heat trapped on Earth by greenhouse gases ends up.

The 2015 Paris Agreement saw countries agree to cap global warming at "well below" two degrees Celsius above average levels measured between 1850 and 1900 – and 1.5 degrees Celsius if possible.

Q31)

30. Consider the following :

1. Cashew
2. Papaya
3. Red sanders

How many of the above trees are actually native to India ?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

**Current affairs quiz(The**
4.9K subscribers

1. Endemic to tropical dry deciduous forest of Eastern Ghats and referred to as 'the pride of Eastern Ghats'

Red Sanders

1. Endemic to tropical dry deciduous forest of Western Ghats and referred to as 'the pride of Western Ghats'.

2. Conservation Status: IUCN Red List (Endangered), CITES (Appendix II), Wildlife Protection Act (Schedule IV).

3. Plants heartwood is heavily impregnated with red dye called 'santalin', for which it is valued.

289 8:59 PM

[Leave a comment](#)

Which of the above statements are correct?

Anonymous Quiz

7% (a) 1 and 2 only

44% (b) 2 and 3 only

**Current affairs quiz(The**
4.9K subscribers

1. Cashew crop native - Brazil

2. Amplifi portal - Housing and urban ministry

3. Barada wildlife sanctuary - Gujarat

(c) Only three

(d) All four

80 answers

4 439 1:52 PM

[Leave a comment](#)

Current affairs quiz(The Hindu) pinned a quiz

Current affairs quiz(The Hindu)

1. Cashew crop native - NORTH EAST INDIA

2. Amplifi portal - ministry OF EDUCATION

3. Barada wildlife sanctuary - MAHARASTRA

How many of the pairs given above are correct?

Anonymous Quiz

17% (a) Only one

34% (b) Only two

Q32)

Which one of the following is the exhaust pipe emission from Fuel Cell Electric Vehicles, powered by hydrogen ?

- (a) Hydrogen peroxide
- (b) Hydronium
- (c) Oxygen
- (d) Water vapour

PM Modi inaugurates country's first indigenous hydrogen fuel cell ferry

The Hindu Bureau
KOCHI

Prime Minister Narendra Modi flagged off India's first indigenously built hydrogen fuel cell ferry boat in virtual mode here on Wednesday.

The vessel has been built at the Cochin Shipyard. The pilot vessel is a 24-metre catamaran which can carry 50 passengers. It also has a fully air conditioned space for passengers. It will make urban mobility smooth and easy, according to a release issued by the Cochin Shipyard Limited (CSL).



Brand new: Built by the Cochin Shipyard, the hydrogen fuel cell ferry boat can carry up to 50 passengers. SPECIAL ARRANGEMENT

pyard Limited (CSL).

The launch of the vessel was part of a major programme organised in

Thoothukudi in Tamil Nadu to mark the laying of the foundation stone for a ₹17,300-crore project in

the district. The vessel built at the CSL underscores the pioneering step for embracing clean energy solutions and aligning with the nation's net-zero commitments, he said.

The hydrogen fuel vessel has fully home-grown technology and it can be replicated in other parts of the country for urban mobility application, according to the CSL.

Mr. Modi also said that the various rail projects launched on Wednesday will further boost connectivity between south Tamil Nadu and Kerala.

←  **Current affairs quiz(The Hindu)**
4.9K subscribers

Pinned Message

Given that the January edition of Vision IAS Cu...

💬 Leave a comment

February 29

Current affairs quiz(The Hindu 🇮🇳)
#mains

1. Prime Minister virtually flagged off India's first indigenously built hydrogen fuel cell ferry boat, a 24-meter catamaran built at Cochin Shipyard, which can carry 50 passengers and features a fully air-conditioned passenger space.

Q33)

Consider the following pairs :

	Country	Reason for being in the news
1.	Argentina	Worst economic crisis
2.	Sudan	War between the country's regular army and paramilitary forces
3.	Turkey	Rescinded its membership of NATO

How many of the pairs given above are correctly matched ?

- (a) Only one pair
- (b) Only two pairs
- (c) All three pairs
- (d) None of the pairs

Current affairs quiz(The
4.9K subscribers

Current affairs quiz(The
4.9K subscribers

Pinned Message

Lebanese state media said were Israeli strikes on the border town of Naqura.

[Leave a comment](#)

Q139) ISSUES RELATED NEWS

1. Gaza state media said were Israeli strikes on the border town of Naqura.
2. North Korea fires 60 rounds of artillery near South Korean border island(Yeonpyeong and Baengnyeong)
3. Russia said it had moved some 300 people from the border city of Belgorod due to Ukrainian shelling
4. Fighting between rival Sudanese forces including air strikes on the capital Khartoum
5. Between 10,000 and 15,000 people were killed in one city in Sudan's West Darfur region last year in ethnic violence by the paramilitary Rapid Support Forces (RSF).

363 5:38 PM

Pinned Message

Which international organization is responsible...

Turkey:

- lies partly in Asia and partly in Europe.
- surrounded on by the Black Sea, the Mediterranean Sea, and the Aegean Sea
- The main portion of the Turkish state is located on the Anatolia peninsula/Asia Minor, the westernmost part of Asia.
- two narrow straits- 1. Bosphorus- Black Sea with the Sea of Marmara, 2. Dardanelles- Aegean arm of Mediterranean Sea with Sea of Marmara.
- Capital: Ankara
- Largest city: Istanbul
- Bordering countries: Bulgaria, Greece, Armenia, Azerbaijan, Iran, Georgia, Syria and Iraq

News

-No NATO entry for Sweden unless anti Turkish protests stop: Erdogan

Q141) How many of the following is /are NATO members as well as borders the Black Sea ?

1. Turkiye 2. Bulgaria 3. Romania (a) Only one (b) Only two (c) All three (d) None

Anonymous Quiz

11% Option a

23% Option b

51% Option c

15% Option d

47 answers 311 5:39 PM

[Leave a comment](#)

Q34)

9. Consider the following information :

	Waterfall	Region	River
1.	Dhuandhar	Malwa	Narmada
2.	Hundru	Chota Nagpur	Subarnarekha
3.	Gersoppa	Western Ghats	Netravati

In how many of the above rows is the given information correctly matched?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

<https://t.me/newspaperquizz>

A screenshot of a Telegram channel interface. At the top, the channel name is "Current affairs quiz(The)" with a subtitle "4.9K subscribers". Below this is a "Pinned Message" from a user named "Hi Friends, 🙏 Please Help My Mother's Sister i...". The message has 07 answers and was posted 303 days ago at 5:22 PM. Below the pinned message is a comment section showing "1 comment". The main content of the post is a quiz titled "Protected areas - river". The quiz text is: "1. Bandipur national park - kabini 2. Kudremukh national park - Netravati 3. Panna national park - Ken How many of the above pairs incorrectly matched? (a) Only one pair (b) Only two pairs (c) All three pairs (d) None of the pairs". Below the quiz text is the text "Anonymous Quiz". There are four radio button options: "Option A", "Option B", "Option C", and "Option D". At the bottom of the post, it shows "59 answers" and "375" views, posted "5:22 PM". There is also a comment section at the bottom showing "1 comment".

A screenshot of a Telegram channel interface. At the top, the channel name is 'Current affairs quiz(The Newspaper Quiz)' with a subscriber count of '4.9K subscribers'. Below this is a 'Pinned Message' from the channel, which says 'Friends, earlier I only uploaded pictures for det...'. The message has '16 answers' and was posted '180 8:06 PM' ago. Below the message is a comment box with the text 'Leave a comment' and a right-pointing arrow. The main content of the post is a quiz question labeled 'Q338)' with four options: 1. The Tropic of Cancer crosses the Narmada basin in the upper plains area, and a major part of the basin lies just below this line. 2. It is one of the rivers that flow in a rift valley and acts as a divider between north India and south India. 3. The river has numerous waterfalls, notably the Dhuandhar Falls, Gujarat. 4. The Tawa River is the longest tributary of the Narmada River. The post has '174 8:06 PM' views and a comment box below it with the text 'Leave a comment' and a right-pointing arrow. At the bottom, there is a text prompt: 'Select the correct answer using the code given below:' followed by 'Anonymous Quiz'.

Q35)

14. With reference to "Coriolis force", which of the following statements is/are correct ?

1. It increases with increase in wind velocity.
2. It is maximum at the poles and is absent at the equator.

Select the answer using the code given below :

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2



Current affairs quiz(The

4.9K subscribers

Pinned Message

Who made the Srirangam Prakadanam or Jam...

100 answers 428 2:18 PM

 [Leave a comment](#) 

Q3)

1.Horse Latitudes region is characterised by calm winds and little precipitation.

2.Barrow Island is in Australia continent

3.Tamil Nadu is the largest producer of wind energy in India.

4.Coriolis Effect/Force is associated with Earth's rotation causes winds to be deflected.

28 answers 157 4:32 PM

Discussion started

The Hindu Newspaper Quiz

Pressure Gradient Force:

The differences in atmospheric pressure produces a force. The rate of change of pressure with respect to distance is the pressure gradient. The pressure gradient is strong where the isobars are close to each other and is weak where the isobars are apart.

Frictional Force:

It affects the speed of the wind. It is greatest at the surface and its influence generally extends upto an elevation of 1 - 3 km. Over the sea surface the friction is minimal.

Coriolis Force:

The rotation of the earth about its axis affects the direction of the wind. This force is called the Coriolis force after the French physicist who described it in 1844. It deflects the wind to the right direction in the northern hemisphere .

4:33 PM ✓✓



 [Send anonymously](#)  

Q36)

66. As per Article 368 of the Constitution of India, the Parliament may amend any provision of the Constitution by way of :

1. Addition
2. Variation
3. Repeal

Select the correct answer using the code given below :

- (a) 1 and 2 only
- (b) 2 and 3 only
- (c) 1 and 3 only
- (d) 1, 2 and 3

**Current affairs quiz(The**
4.9K subscribers

Pinned Message
Hello frds 😊, I plan to add 5/10 qns daily on b...
Current affairs quiz(The Hindu)
June 25
Q247) Procedure to change the name of a state

1. According to constitution of India parliament has the power to change the name of a state under Article 3.
2. In Parliament, the bill cannot be presented without a recommendation from the President.
3. The views or suggestions of the State Legislature are binding to the President or The Parliament.
4. According to Article 4 which deals with Laws made under articles 2 and 3 to provide for the amendment of the First and the Fourth Schedules and supplemental, incidental and consequential matters provides that law made under Article 2 and 3 must be deemed to be an amendment of this Constitution for the purposes of article 368.

 1
👁 249 1:16 PM

Q4)

1. The Government of India Act, 1935, enacted by the British, introduced a federal system in India for the first time, distributing legislative powers between a central legislature and provincial assemblies (like the current Union and States).

2. Education, an important public good, was initially kept under the provincial list and, after independence, continued to be part of the State list under the distribution of powers.

3. During the Emergency, the Swaran Singh Committee recommended placing 'education' in the concurrent list to facilitate the development of all-India policies on the subject.

4. This was implemented through the 44th constitutional amendment (1978) by shifting 'education' from the State list to the concurrent list.

👁 248 10:15 AM



Leave a comment



66. As per Article 368 of the Constitution of India, the Parliament may amend any provision of the Constitution by way of :

- 1. Addition
- 2. Variation
- 3. Repeal

Select the correct answer using the code given below :

- (a) 1 and 2 only
- (b) 2 and 3 only
- (c) 1 and 3 only
- (d) 1, 2 and 3

70 answers

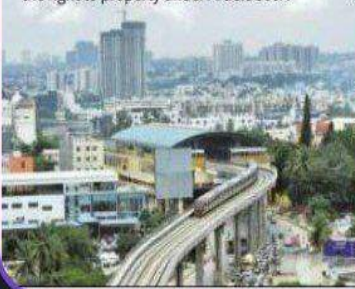
239 1:58 PM

Discussion started

The Hindu Newspaper Quiz

Law of the land

The SC says there are seven procedural rights of citizens which constitute the 'real content of the right to property under Article 300A'



1. The right to notice or the duty of the state to inform a person that it intends to acquire his or her property
2. The right of the citizen to be heard or the duty of the state to hear the objections to the acquisition
3. The right of the citizen to a reasoned decision or the duty of the state to inform the person of its decision to acquire a property
4. The duty of the state to demonstrate that the acquisition is exclusively for public purpose
5. The right of the citizen to fair compensation
6. The duty of the state to conduct the process of acquisition efficiently and within prescribed timelines
7. The right of conclusion of the proceedings

The Hindu Newspaper Quiz

The judgment noted that though the 44th Constitutional Amendment omitted the right to property as a fundamental right, Article 300A, which was simultaneously inserted into the Constitution, provided that "no person shall be deprived of his property, save by authority of law"

1:59 PM ✓

2:00 PM ✓

Discussion started

The Hindu Newspaper Quiz

In 1978, in order to avoid excessive litigation directly in the Supreme Court by the propertied class, the 44th amendment act omitted right to property as a fundamental right and made it a constitutional right under Article 300A. The right to private property continues to be an important constitutional cum legal right. Any law to acquire private property by the state should be only for a public purpose and provide for adequate compensation.

8:06 AM ✓

The Hindu Newspaper Quiz

Exceptions to fundamental rights

Considering the inadequate resources with the government and to provide greater flexibility in acquiring land for public welfare, various amendments were carried out curtailing the right to property. Notable among them are exceptions under Articles 31A, 31B and 31C

Article	Amendment & year	Brief explanation
31A	1st amendment, 1951	Provided that laws made for acquisition of estates etc. shall not be void on the ground that it violated fundamental rights including right to property
31B	1st amendment, 1951	Made laws placed under the Ninth Schedule immune from judicial review on the grounds of violating any fundamental right. In Coelho case (2007), the SC held that laws placed in Ninth Schedule after April 1973 would be subject to judicial review
31C	25th amendment, 1971	Provided primacy to the DPSP under Articles 39(b) and (c). Laws made to fulfil these principles shall not be void on the ground that it violated fundamental rights to property

8:09 AM ✓

Q37)

34. Consider the following activities :

1. Identification of narcotics on passengers at airports or in aircraft
2. Monitoring of precipitation
3. Tracking the migration of animals

In how many of the above activities can the radars be used ?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

How are cheetahs faring in India

Why is India's cheetah relocation programme one of the most ambitious of its kind in the world? How many cheetahs have died so far? How are the cubs acclimatised to Indian conditions? Are there plans to build more cheetah enclosures and reserves?

EXPLAINER

Jacob Koshy

The story so far:

A more deaths of cheetahs have been reported last week from the Kuno National Park (KNP), Madhya Pradesh, an expert committee charged with managing the Project Cheetah programme has recommended that all animals undergo a thorough medical review.

What Is Project Cheetah?

Project Cheetah is India's cheetah relocation programme and is perhaps among the most ambitious of its kind in the world. The attempt is to, over the next decade, bring in 5-10 animals every year until a self-sustaining population of about 35 cheetahs is established. Unlike cheetahs in South Africa and Namibia that are living in fenced reserves, India's plan is to have them grow in natural, unfenced, wild conditions.

As of today, 11 of the translocated cheetahs are in the true wild with four in specially designed one-square-kilometre enclosures called 'bomas', to help the animals acclimatise to Indian conditions. Five of the translocated animals and three of four cubs born in India have died.

Why the need for a medical review?

One of the cheetahs, nicknamed Surya, was found dead in KNP last week. Veterinarians examining the animal saw a wound on its neck, infected with maggots. The larvae of the maggots were also found on the radio-collar fitted onto the cheetah's neck. There was a chance that chafing from the collar may have indirectly sickened the cheetah. The collars that the cheetahs wear are made from polystyrene and equipped with a radio-frequency tracking chip that helps monitor the animals' behaviour. The animals' movement is not hindered by the obstructions. Coupled with the moisture



Survival tactics: The cheetah cubs who were born in May at Kuno National Park, Madhya Pradesh, are

from the monsoon season — something that South African cheetahs aren't acclimatised to — the animal may have been unable to lick itself clean which allowed parasites to fatally lodge inside the wound. There are veteran forest officers who say that radio-collaring is an extremely common practice in India among lions, tigers, leopards, elephants and never have they been linked to any such infections.

There is also a hypothesis that via the wound the African animal may have been exposed to parasites that Indian big cats are usually resistant to. However, the Environment Ministry in a note on July 16 dismissed these suggestions as 'unfounded' in the absence of scientific evidence. To investigate these points, the expert committee has recommended that all surviving animals be subject to a

thorough physical examination. This will involve removing their collars, taking tissue samples and checking for parasites. This will mean getting all the free-ranging animals back and subjecting them to an investigation — a long, laborious exercise — that will, at the end, significantly influence the future of the cheetah project.

Are the cheetah deaths unusual?

Two days before Surya, another cheetah, Tejas, was reported dead after being attacked by a female cheetah. This happened within the enclosure. While the official version goes that the cheetah died immediately after being fatally wounded, there are reports that Tejas, too, may have sustained an infection. In May, three of four cubs — the first litter born in India — died from heat and malnourishment. An

adult female, Daksha, died following injuries involving a skirmish among the animals that same month. Two other animals, Soha and Uday died in February and April from a renal infection and cardiovascular problems, respectively. Alarming as this may seem, experts say that cheetah cubs, in the wild, have a very high mortality rate relative to tigers and lions. Cheetah cubs, in the wild, reportedly have a survival rate of only 10% and roughly the same fraction make it to adulthood, a press release from the Environment Ministry noted. However, all the deaths in Kuno, save for Surya, have occurred among the cheetahs in the boma.

How successful has Project Cheetah been so far?

In September 2023, it will be one year since a batch of eight cheetahs from Namibia arrived in India. They were followed by 12 others from South Africa in February 2024. While conceived as an experiment that is susceptible to failure in the initial years, independent critics have argued that there are some basic flaws in the project.

For one, it is a mistake to have had all 20 cheetahs in KNP as it's too little space and prey, given that the animal is a cursor and needs large distances. Moreover, having cheetahs for extended periods in quarantine have affected their adaptive capabilities and caused them to have psychological adjustment problems, making them more vulnerable. Unlike tigers and leopards, cheetahs are relatively delicate animals and are more likely to be fatally injured in the wild. Currently, Indian cheetahs face no competition from other comparable predators such as lions and leopards. So, it remains to be seen if the animals can successfully establish themselves in India, over time.

While officials say that there is enough space and prey in the Kuno reserve, there are plans to develop a second reserve in Gandhinagar, Madhya Pradesh and also establish a cheetah rehabilitation centre.

February 15, 2022

Current affairs quiz(The Hindu)

PSLv c52 launched successfully by ISRO

1. EOS 04, 2. Inspire sat1, 3. ins 27D
A. Radar imaging statelite helpful for Agri B. Thermal imaging camera helps measures surface temperature of land, water C. Sun's coronal heating process analyze Correctly match

Anonymous Quiz

27% 1.a,2.b,3.c

36% 1.c,2.b,3.a

23% 1.a,2.c,3.b

14% 1.b,2.a,3.c

22 answers

211 12:00 PM

← Current affairs quiz(The Hindu) 4.9K subscribers

Pinned Message
Given that the January edition of Vision IAS Cu...

Initiatives launched by INDIA METEOROLOGICAL DEPARTMENT

1. National Framework for Climate Services (NFCS)
2. Weather Analysis and Forecast Enabling System (WAFES) Decision Support System
3. Panchayat Mausam Seva Portal
4. 'Mausam' Mobile App
5. Deployment of X-Band Doppler Weather Radars

268 10:09 PM

Leave a comment

How many of the statements given above are correct?

Anonymous Quiz

4% (a) Only 2

21% (b) Only 3

22% (c) Only 4

53% (d) All 5

https://www.apexinstitute.com

Q38)

Consider the following statements :

1. In India, Non-Banking Financial Companies can access the Liquidity Adjustment Facility window of the Reserve Bank of India.
2. In India, Foreign Institutional Investors can hold the Government Securities (G-Secs).
3. In India, Stock Exchanges can offer separate trading platforms for debts.

Which of the statements given above is/are correct ?

- (a) 1 and 2 only
(b) 3 only
(c) 1, 2 and 3
(d) 2 and 3 only

RBI keeps repo rate on hold as food prices remain high

Lalatendu Mishra
MUMBAI

The spike in food prices has kept the Reserve Bank of India (RBI) worried even though overall inflation has moderated to a certain extent. On Friday, the central bank's Monetary Policy Committee decided to keep the policy repo rate under the liquidity adjustment facility (LAF) unchanged at 6.50%. This is the seventh time that the rates have been kept on hold.

"The Monetary Policy Committee (MPC) remains focused on aligning inflation to the target on a durable basis. We derive satisfaction from the progress made under disinflation. But the task is not yet finished," RBI Governor Shaktikanta Das said at a post-meeting press conference.

CONTINUED ON
» PAGE 16

Current affairs quiz(The Hindu)

Q116) Liquidity Adjustment Facility

- 1.It is a Fiscal Policy tool that controls the liquidity or money supply in the economy.
2. It does it by either allowing banks to borrow money via repurchase agreements (repos) or lend loans to the RBI via reverse repo agreements.
- 3.It was recommended by the Narasimhan Committee on Banking Reforms and was introduced by the RBI in 1998.

255 3:50 PM

Leave a comment

Which of the above statements are correct?

- (a) 1 and 2 only (b) 2 and 3 only (c) 1 and 3 only (d) 1, 2 and 3

Anonymous Quiz

Discussion started

The Hindu Newspaper Quiz

Differences Between Banks and a Non-Banking Financial Company

- **Acceptance of Demand Deposits:**
 - **Banks:** Can accept demand deposits (e.g., savings and current accounts).
 - **NBFCs:** Cannot accept demand deposits.
- **Payment and Settlement System:**
 - **Banks:** Part of the payment and settlement system, enabling them to issue cheques, and participate in clearing and settlement.
 - **NBFCs:** Not part of the payment and settlement system and cannot issue cheques.
- **Regulation:**
 - **Banks:** Regulated by the Reserve Bank of India (RBI) under the Banking Regulation Act, 1949.
 - **NBFCs:** Regulated by the RBI under the Reserve Bank of India Act, 1934, and specific guidelines issued by the RBI.
- **CRR and SLR Requirements:**
 - **Banks:** Must maintain Cash Reserve Ratio (CRR) and Statutory Liquidity Ratio (SLR).
 - **NBFCs:** Do not have to maintain CRR and SLR.
- **The deposit insurance facility of Deposit Insurance and Credit Guarantee Corporation is not available to depositors of NBFCs, unlike in the case of banks.**

1:29 PM

Q38)

Consider the following statements :

1. In India, Non-Banking Financial Companies can access the Liquidity Adjustment Facility window of the Reserve Bank of India.
2. In India, Foreign Institutional Investors can hold the Government Securities (G-Secs).
3. In India, Stock Exchanges can offer separate trading platforms for debts.

Which of the statements given above is/are correct ?

- (a) 1 and 2 only
- (b) 3 only
- (c) 1, 2 and 3
- (d) 2 and 3 only

 **Current affairs quiz(The**
4.9K subscribers

Pinned Message
👉 Questions Based on the PT 365 - Internatio...

Q370)

1. Recently, the Reserve Bank of India (RBI) green lighted investments in the country's Sovereign Green Bonds (SGrBs) by Foreign Institutional Investors (FIIS) – investors such as insurance companies, pension funds and nation-states' sovereign wealth funds.

2. These green Government-Securities (G-Secs) were classified under the Statutory Liquidity Ratio (SLR), a liquidity rate fixed by the RBI that financial institutions must maintain with themselves before they lend to their customers.

3. SGrBs yield lower interest than conventional G-Secs, and the amount foregone by a bank by investing in them is called a greenium.

4. In the 2022-23 Union Budget, Finance Minister announced the issuance of SGrBs to fund projects like offshore wind, solar power, and EV transition. with India's first SGrB

 **Current affairs quiz(The**
4.9K subscribers

Pinned Message
👉 Questions Based on the PT 365 - Polity 🤔...

Investor Services Fund (ISF)

1. The stock exchange shall set aside at least 50% of the listing fees received for ISF for providing services to the investing public.

2. The Regulatory Oversight Committee, as one of the seven committees specified by the Stock Exchanges and Clearing Corporations Regulations, 2018, for Market Infrastructure Institutions (MIIs), will be responsible for the supervision of the ISF.

3. The utilization of the ISF of Stock Exchange includes the promotion of investor education and awareness programs, with a mandate that at least 20% of the corpus should be allocated for activities in Tier II & Tier III cities.

👍 3 👁 328 9:10 PM

Leave a comment

How many of the statements given

Q39)

44. Consider the following :

1. Exchange-Traded Funds (ETF)
2. Motor vehicles
3. Currency swap

Which of the above is/are considered financial instruments ?

- (a) 1 only
- (b) 2 and 3 only
- (c) 1, 2 and 3
- (d) 1 and 3 only

←  **Current affairs quiz(The** 4.9K subscribers

Pinned Message

Survey of India 1. It was established in 1767 to...

Advantages of Vostro and Nostro Accounts:

- 1.They help in executing large foreign exchange transactions without having any physical presence in other countries.
- 2.They would also reduce the need for holding foreign exchange reserves and dependence on foreign currencies, making the country less vulnerable to external shocks.
- 3.Indian exporters could get advance payments in INR from overseas clients
- 4.In the long term promote INR as an international currency once the rupee settlement mechanism gains traction as Currently INR accounted nearly for 25.6%

👁 303 11:42 AM

💬 **Leave a comment** ➤

Choose the correct answer

←  **Current affairs quiz(The** 4.9K subscribers

4.Existing Provisions for FPIs in India, Regulated by SEBI: under SEBI (Foreign Portfolio Investors) Regulations, 2019 ('FPI regulations').

FOREIGN PORTFOLIO INVESTMENT (FPI)

- 1.Investing in assets and securities outside of one's nation
- 2.Stocks, bonds, exchange-traded funds (ETFs), and mutual funds are a few examples of these investments.
- 3.FPI is part of a country's capital account and is shown on its Balance of Payments
- 4.Existing Provisions for FPIs in India, Regulated by RBI: under Reserve Bank of India Act, 1934

👁 209 9:32 PM

💬 **Leave a comment** ➤

Choose the correct answer

Anonymous Quiz

44% 1,2 and 3 only

✓

Q40)

50. With reference to Corporate Social Responsibility (CSR) rules in India, consider the following statements :

1. CSR rules specify that expenditures that benefit the company directly or its employees will not be considered as CSR activities.
2. CSR rules do not specify minimum spending on CSR activities.

Which of the statements given above is/are correct ?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

Foreign companies have any branch & project office present means it covered

Corporate social responsibility
1. India is the 1st country introduced
2. Companies net worth 500cr, turnover over -1000 cr, net profits - 5cr has spend atleast 2% of Last 3yr average net profits on CSR
3. Foreign companies yet not covered this
Choose correct

Anonymous Quiz

39% 1 and 2 only

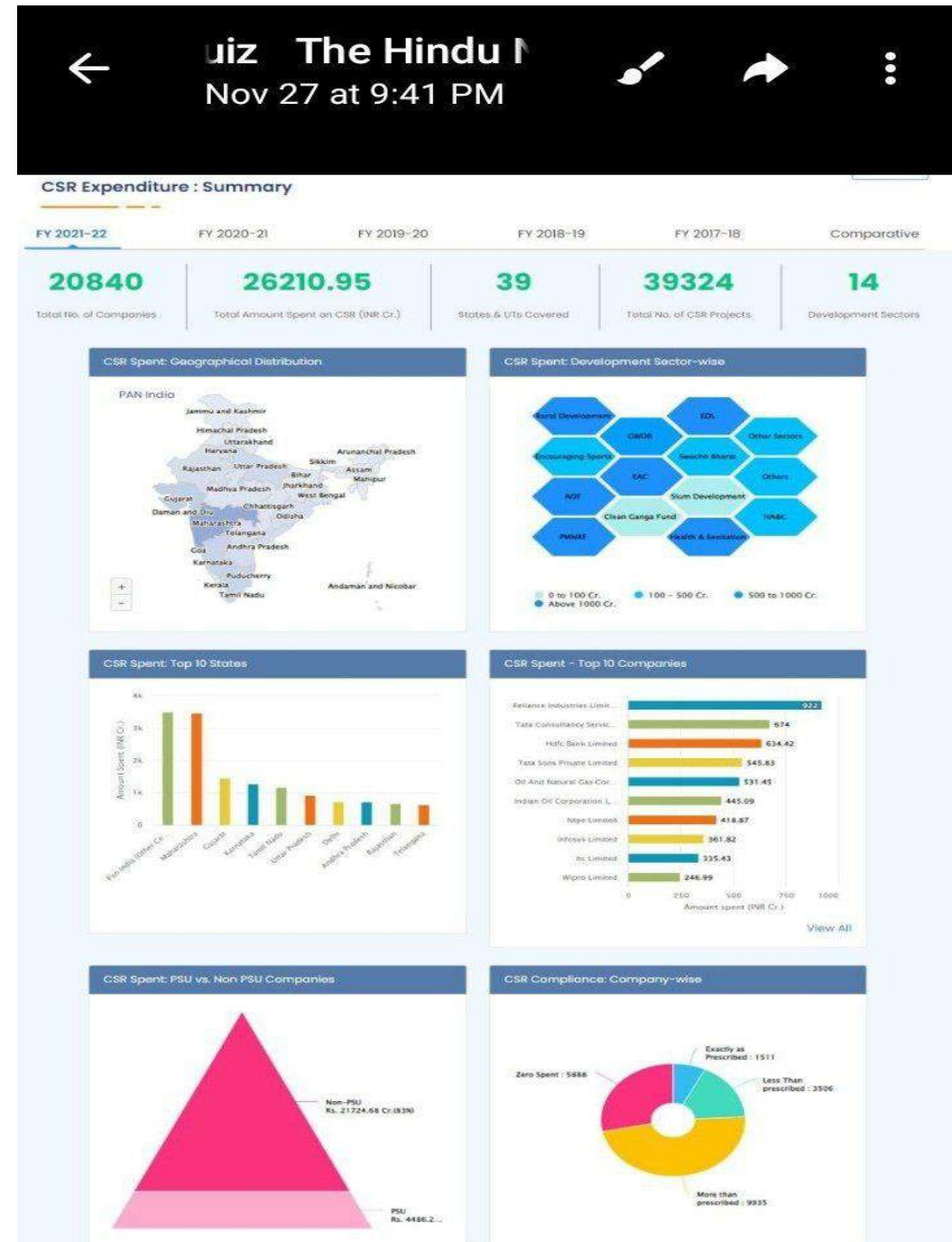
36% 2 and 3 only

11% 1 and 3 only

14% All

28 answers

156 8:30 AM



Q41)

58. Consider the following statements :

1. There are no parables in Upanishads.
2. Upanishads were composed earlier than the Puranas.

Which of the statements given above is/are correct ?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

←  **Current affairs quiz(The Hindu)** 4.9K subscribers

🌟 The Vedas concentrated on ceremonial details, applications, and customs. The Upanishads were concerned with spiritual enlightenment

86 answers 493 11:32 AM

💬 Leave a comment ➔ ➡

Current affairs quiz(The Hindu)

1. The Upanishads were composed between 700 and 400 B.C.E. throughout a period of time.

2. The Upanishads Concentrated on ceremonial details, applications, and customs.

3. Upanishads are called Vedanta (the end of the Veda) Choose the correct answer

Anonymous Quiz

15% 1 and 2 only

20% 2 and 3 only

22% 1 and 3 only

43% All

138 answers

🔥 2 🙌 1

with the 'Vital Energy Sheath' under panch koshiya' as per taittiriya upanishad ?

a) Annamaya Kosha b) Manomaya Kosha c) Vijnanamaya Kosha d) Pranamaya Kosha

Anonymous Quiz

2% Option a

24% Option b

39% Option c

35% Option d

59 answers

👍 1

388 8:15 PM

➡

Discussion started

The Hindu Newspaper Quiz

panch koshiya' as per taittiriya upanishad: Annamaya Kosha (Food Sheath) Pranamaya Kosha (Vital Energy Sheath) Manomaya Kosha (Mind sheath) Vijnanamaya Kosha (Intellect/Intuition sheath) Anandamaya Kosha (Bliss sheath).

8:16 PM ✓

50 answers 711 7:50 PM

📘 Means world in one family. It's Theme of next G20 too

"Vasudhaiva kutumbakam" is a Sanskrit phrase found in

Anonymous Quiz

28% Bhagavad purana

3% Ramayana

25% Mahabharat

44% Maha Upanishads

68 answers

199 4:59 PM

Q42)

Which of the following statements about the Ethics Committee in the Lok Sabha are correct ?

1. Initially it was an *ad-hoc* Committee.
2. Only a Member of the Lok Sabha can make a complaint relating to unethical conduct of a member of the Lok Sabha.
3. This Committee cannot take up any matter which is sub-judice.

Select the answer using the code given below :

- (a) 1 and 2 only
- (b) 2 and 3 only
- (c) 1 and 3 only
- (d) 1, 2 and 3

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 A simple majority is needed to pass a motion for expulsion in each house. Further involvement of the Ethics committee is not always necessary for expulsion

 1  342 10:53 PM

 Leave a comment >

1. An MP found guilty of breach of privileges or contempt of the house can be suspended from the house or face expulsion.
2. A special majority is needed to pass a motion for expulsion in each house.
3. Further involvement of the Ethics committee is always necessary for expulsion.

 1  352 10:53 PM

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How many of the statements given above are correct?
Anonymous Quiz

34% (a) Only one 

37% (b) Only two

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 If there's a question about a Lok Sabha member's unethical behavior, the Speaker

1. The Ethics Committee was set up in 2000 and became a permanent part of the Lok Sabha in 2015.

2. The committee consists of 15 members, and the Speaker of the Lok Sabha appoints these members for a one-year term.

3. If there's a question about a Lok Sabha member's unethical behavior, the President can refer it to the Ethics Committee for examination, investigation, and reporting.

4. The Ethics Committee is responsible for creating a Code of Conduct for Lok Sabha members.

 296 1:28 PM

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How many statements is are correct
Anonymous Quiz

3% Only one 

17% Only two

Which of the following statements about the Ethics Committee in the Lok Sabha are correct?

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2. Only a Member of the Lok Sabha can make a complaint relating to unethical conduct of a member of the Lok Sabha.
3. This Committee cannot take up any matter which is sub-judice.

Select the answer using the code given below :

- (a) 1 and 2 only
- (b) 2 and 3 only
- (c) 1 and 3 only
- (d) 1, 2 and 3

The role of special inquiry committees of Parliament

Why is TMC MP Mahua Moitra facing an inquiry by the ethics committee of Parliament?

Rangarajan. R

The story so far:

The ethics committee of the Lok Sabha is believed to have recommended the expulsion of Trinamool Congress Member of Parliament (MP) Mahua Moitra from the Lok Sabha for her “unethical conduct” and “breach of privileges”. This follows the ethics committee examining the complaints which accused her of asking questions to target a business house at the behest of a businessman in exchange for cash. She was also accused of sharing her log-in credentials with the businessman.

What is the role of ethics committee?

The ethics committee was constituted in 2000, to oversee the moral and ethical conduct of members and examine cases of ‘unethical conduct’ referred to it. The Committee examines complaints filed against members of the House by other

members; outsiders through a member; or referred by the Speaker. The Committee makes a *prima facie* inquiry before deciding to examine a complaint and presents its report to the Speaker, who places it before the House for consideration. It must be noted that the term ‘unethical’ is not defined. It is left to the Committee to decide whether any act is unethical or not. In 2007, an MP accompanying his close female companion, impersonating her as his wife was considered ‘unethical’ by the Committee. It recommended suspension of the MP from 30 sittings of the House.

What are privileges committees?

The privileges committee or special inquiry committee examines the more serious accusations against a member. In 1951, a special committee found a member guilty of promoting a business interest by putting questions in return for financial benefits. It was again a special committee that inquired into the ‘cash for

query’ scam of 2005 where 10 MPs of Lok Sabha were recommended for expulsion.

Is an expulsion constitutional?

The Constitution under Article 101 lists down the grounds for vacation of a seat by an MP. It includes voluntary resignation, disqualification and continuous absence from the House for 60 sittings. Expulsion is not mentioned explicitly in the Constitution. However, the Supreme Court has provided conflicting judgments in this regard. In *Raja Ram Pal versus Hon’ble Speaker* (2007), it upheld the power of Parliament to expel its members for breach of privilege by interpreting Article 101 to include expulsion as a ground.

But in *Amarinder Singh versus Special committee, Punjab Vidhan Sabha* (2010), the Supreme Court held expulsion by the State Assembly as unconstitutional. It held that such scenarios would frustrate the objectives of Parliamentary democracy.

How to reconcile privileges of the House and democratic representation?

The allegations of ‘cash for query’ against Mahua Moitra are serious in nature.

However, can expulsion for such action be viewed as disproportionate punishment? Further, the citizens of the constituency would be left without a representative till next elections or a bye-election. The privileges of the House developed in medieval Britain to protect the House of Commons from an authoritarian King. It is important to preserve the dignity and privilege of the House. It is equally imperative, if not more in a modern democracy, to ensure that democratic representation is not prejudiced for political reasons. It must be noted that Parliamentary Committee proceedings are not as detailed as a judicial case that is conducted as per the Evidence Act. Even in this case, the ethics committee is believed to have recommended legal inquiry and the CBI has already registered a preliminary inquiry. It would be prudent to set up fast track courts to conduct trials for such cases in a time bound manner of say 60 days. If they are convicted in such a trial, it would result in their disqualification under the Representation of the People Act, 1951. Otherwise, they should continue to be a member of the House. The writer is a former IAS officer and author of the book ‘Polity Simplified’. Views expressed are personal.

12. With reference to “water vapour”, which of the following statements is/are correct?

1. It is a gas, the amount of which decreases with altitude.
2. Its percentage is maximum at the poles.

Select the answer using the code given below :

- (a) 1 only
(b) 2 only
(c) Both 1 and 2
(d) Neither 1 nor 2



Current affairs quiz(The
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Polar amplification is that any change in the net radiation balance tends to produce a larger change in temperature near the poles than in the planetary avg. Ratio of polar warming to tropical warming

What are the main reasons for arctic amplification?

1. Ice albedo feedback
2. Lapse rate
3. Water vapour
4. Ocean heat transfer

Anonymous Quiz

6% 1,2,3

15% 1,3,4

14% 1,2,4

65% All



34 answers

120 1:16 PM



Climate breakdown: the Arctic Ocean could be ice-free by the 2030s

Considerable effort has been invested in determining when the Arctic Ocean might first become ice-free in summer, aka a “blue ocean event”. We do the last blue ocean event happened, but one in the near future would mean open water at the North Pole for the first time in mill

Jonathan Hamber

The Arctic Ocean could be ice-free in summer by the 2030s, even if we do a good job of reducing emissions between now and then. That’s the worrying conclusion of a new study in *Nature Communications*.

Predictions of an ice-free Arctic Ocean have a long and complicated history, and the 2030s is sooner than most scientists had thought possible (though it is later than some had wrongly forecast). What we know for sure is the disappearance of sea ice at the top of the world would not only be an emblematic sign of climate breakdown, but it would have global, damaging and dangerous consequences.

The Arctic has been experiencing climate heating faster than any other part of the planet. As it is at the frontline of climate change, the eyes of many scientists and local indigenous people have been on the sea ice that covers much of the Arctic Ocean in winter. This thin film of frozen seawater expands and contracts with the seasons, reaching a minimum area in September each year.

The ice which remains at the end of summer is called multiyear sea ice and is considerably thicker than its seasonal counterpart. It acts as a barrier to the transfer of both moisture and heat between the ocean and atmosphere. Over the past 40 years this multiyear sea ice has shrunk from around 7 million sq km to 1 million. That is a loss equivalent to roughly the size of India or 32 US states. In other words, it’s a big signal, one of the most stark and dramatic signs of fundamental change to the climate system anywhere in the world.

As a consequence, there has been considerable effort invested in determining when the Arctic Ocean might first become ice-free in summer. Scenarios called “blue ocean event” and defined as when the sea ice area drops below 1 million sq km. This threshold is used mainly because older, thicker ice along parts of Canada and northern Greenland is expected to remain long after the rest of the Arctic Ocean is ice-free. We can’t put an exact date on the last blue ocean event, but one in the near future would likely mean open water at the North Pole for the first time in thousands of years.

One problem with predicting when this might occur is that sea ice is notoriously difficult to model because it is influenced by both atmospheric and oceanic circulation as well as the flow of heat between these two parts of the climate system. That means that the climate models – powerful computer programs used to simulate the environment – need



An aerial view of an iceberg in the Arctic Ocean in September 2013. (AP Photo/ESA)

to get all of these components right to be able to accurately predict changes in sea ice extent.

Melting faster than predicted Back in the 2000s, an assessment of early generations of climate models found they generally underpredicted the loss of sea ice when compared to satellite data showing what actually happened. The models predicted a loss of about 2.5% per decade, while the observations were closer to 8%.

The next generation of models did better but were still not matching observations which, at that time were suggesting a blue ocean event would happen by mid-century. Indeed, the latest IPCC climate science report, published in 2021, reaches a similar conclusion about the timing of an ice-free Arctic Ocean.

As a consequence of the problems with the climate models, some scientists have attempted to extrapolate the observational record resulting in the controversial and, ultimately, incorrect assertion that this would happen during the mid 2030s. This did not help the credibility of the scientific community and its ability to make reliable projections.

The scientists behind the latest study



Arctic sea ice is an important component of the climate system. As it dramatically reduces the amount of sunlight also absorbed by the ocean, removing this ice is predicted to further accelerate warming through a process known as a positive feedback.

have taken a different approach by, in effect, calibrating the models with the observations and then using this calibrated solution to project sea ice decline. This makes a lot of sense, because it reduces the effect of small biases in the climate models that can in turn bias the sea ice projections. They call these “observationally constrained” projections and find that the Arctic could become ice-free in summer as early as 2030, even if we do a good job of reducing emissions between now and then.

There is still plenty of uncertainty around the exact date – about 20 years or so – because of natural climatic fluctuations in the climate system. But compared to previous research, the new study still brings forward the most likely

timing of a blue ocean event by about a decade.

You might be asking the question: so what? Other than some polar bears not being able to hunt in the same way, why does it matter? Perhaps there are even benefits as the previous US secretary of state, Mike Pompeo, once declared – it means ships from Asia can potentially save around 3,000 miles of journey to European ports in summer at least.

But Arctic sea ice is an important component of the climate system. It dramatically reduces the amount of sunlight absorbed by the ocean, removing this ice is predicted to further accelerate warming, through a process known as a positive feedback. This, in turn, will make the Greenland ice sheet melt faster, which is already a major contributor to sea level rise.

The loss of sea ice in summer would also mean changes in atmospheric circulation and storm tracks, and fundamental shifts in ocean biological activity. These are just some of the highly undesirable consequences and it is fair to say that the disadvantages will far outweigh the slender benefits.

(Jonathan Hamber is professor of physical geography, University of Bristol) This article is republished from The Conversation.

2. Consider the following statements :

Statement-I :

Thickness of the troposphere at the equator is much greater as compared to poles.

Statement-II :

At the equator, heat is transported to great heights by strong convectional currents.

Which one of the following is correct in respect of the above statements ?

- (a) Both Statement-I and Statement-II are correct and Statement-II explains Statement-I
- (b) Both Statement-I and Statement-II are correct, but Statement-II does *not* explain Statement-I
- (c) Statement-I is correct, but Statement-II is incorrect
- (d) Statement-I is incorrect, but Statement-II is correct

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A massive thank you to all our amazing memb...

Q598)

1.The equatorial countercurrent is a current phenomenon observed near the equator that is characterized by an eastward flow of oceanic water opposing and surrounded by the westward equatorial currents of the Atlantic, Pacific, and Indian oceans.

2.On the continental shores they touch, the equatorial currents have comparable climatic impacts, bringing warmth and higher humidity to the east coasts and dry weather to the west.

3.Equatorial counter-currents are an important part of the ocean current system because, it flows in a direction opposite to the surface of the winds.

4.The equatorial counter-current is claimed to be caused by the difference in salinity of water

 3  237 4:21 PM

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1.The Omega block, resembling Ω , occurs when two high-pressure systems cut off from the main jet stream flow sandwich a low-pressure system between them, often associated with extreme events like Pakistan floods and heatwaves in France and Germany.

2.The Atlantic Meridional Overturning Circulation (AMOC) is an ocean current system in the Atlantic Ocean that transports heat from the tropics to the North Pole and disperses cold, saline, dense waters towards the Tropics and the South Pole.

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Nuclear study provides major update on plutonium isotope fission

Researchers have reported the results of the first attempt to measure the PFNS of induced fission in Pu-240 with neutrons of energy greater than 0.85 MeV. They found significant deviations from values predicted by models, with implications for reactor design, radiation shielding, and nuclear medicine

Varadran Mankar

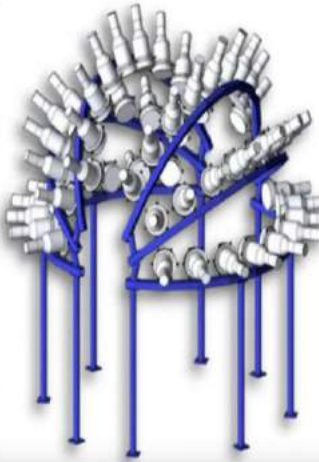
In March 4 this year, India stepped on the threshold of the second stage of its nuclear power programme when engineers started the core-loading process of the prototype fast breeder reactor (PFBR) at the Madhav Atomic Power Station, Kalpakkam. While the first stage used uranium isotopes as nuclear fuel in pressurised heavy-water reactors to produce plutonium-239 (Pu-239) and energy, the second stage is more concerned with plutonium fission. When a Pu-239 nucleus captures a neutron, it has a 27.38% chance of becoming Pu-240 instead of undergoing fission. It is this present in many nuclear reactors and in the fallout of nuclear weapon tests. When Pu-240 captures a neutron, it most often turns into Pu-241, on the off-chance it does undergo fission, however, there is a significant amount of uncertainty about the energy carried away by its fission products. Researchers currently use models that incorporate several complicated calculations based on theory to estimate the output.

Only the second time a part of the fission energy carried away by neutrons is called the prompt fission neutron spectrum (PFNS). The 'prompt' stands for neutrons a Pu-240 nucleus might emit right after it has captured a neutron with enough energy to destabilise it, but before the nucleus has reached a stable or equilibrium state.

So far there has only been one study that attempted to study the PFNS of induced fission in Pu-240, where neutrons that bombarded the Pu-240 nuclei had an energy of 0.85 mega electron volt (MeV). Recently, researchers in the U.S. reported only the second attempt ever to measure the PFNS of induced fission in Pu-240, and the first to use neutrons of energy greater than 0.85 MeV.

Their findings, reported in the journal *Physical Review C* on June 13, note significant differences between the predicted and the measured PFNS after induced fission. This information will be useful for researchers in various fields, from reactor designers to practitioners of nuclear medicine.

"The PFBR uses plutonium recovered from CANDU spent fuel and so will contain ample quantities of Pu-240. And if the spent fuel arising from the PFBR is reprocessed, that too will contain Pu-240," M.V. Ramana, a professor at the University of British Columbia, told *The Hindu*. "Therefore any new information



A computer-generated rendering of the liquid scintillator detector system at LANSC. The Pu-240 sample is located at the centre and neutrons intended to bombard the sample enter from the bottom left side. U.S. Department of Energy

about how Pu-240 behaves will be relevant."

CANDU is a Canadian design for pressurised heavy-water reactors, such as those India uses for its first stage.

A profile of Pu-240
Pu-239 is produced when U-238 is exposed to neutrons of certain energy in a reactor. Because Pu-239 captures neutrons to become Pu-240 at a fixed rate, Pu-239 left in the reactor for a certain duration will accumulate a predictable quantity of Pu-240. The two isotopes are hard to separate, so as Pu-240 builds up, the spent fuel is pulled out.

Pu-240 undergoes spontaneous fission, i.e. without external neutrons striking it first, and emits alpha particles. For these reasons, the isotope is considered a contaminant of weapons-grade plutonium, where its composition by weight is restricted to under 7%. There are some ways to use higher quantities of Pu-240 to build a nuclear weapon, however. Generally, if a mass of plutonium



When a Pu-239 nucleus captures a neutron, it has a 27.38% chance of becoming Pu-240 instead of undergoing fission. It is thus present in many nuclear reactors and in the fallout of nuclear weapon tests.

contains more than 8% of Pu-240, it is considered to be reactor-grade rather than weapons-grade.

The test setup
The new findings are based on a test conducted by researchers at the Los Alamos Neutron Science Centre (LANSC) in the U.S. They struck a tungsten disc with pulses of protons, which produced neutrons of energy 0.85-900 MeV. These neutrons moving at degrees to the left of the proton beam were redirected to a chamber containing 59.87% pure Pu-240. An array of liquid scintillators –

substances that emit flashes of light when struck by energetic particles – arranged around the Pu-240 sample tracked its output. The Pu-240 weighed all of 20 milligrams; the researchers wrote in their paper that they used such a small sample to minimise the amount of alpha particles emitted.

With this setup, the researchers measured the energies of the neutrons emitted by the sample as well as of other fission products.

Because they were interested in particles of a specific origin, neutron-induced fission, extracting the corresponding PFNS data from the overall data required the researchers to carefully subtract contributions from spontaneous fission, alpha particles, and other sources. After doing so, they reported their analysis for incident neutrons of energies 1.30 MeV.

Updating nuclear data libraries
In addition to deviations between PFNS predicted by models and those observed in the test, the researchers also reported a higher-than-expected rate of second-chance fission of Pu-240 when a nucleus isn't fissionable but becomes so after losing a neutron. They also reported finding signs of "a smaller contribution from third-chance fission" but added that this "was difficult to observe in the data directly".

Models that predict the outputs of nuclear reactions are based on data libraries pieced together from various experiments, reactor operation records, simulations, and other sources. For example, applications of the ENDF library prepared by the U.S. National Nuclear Data Centre include research on nuclear reactors, radiation shielding design, calculating radiation dose in nuclear medicine, investigating the trafficking of nuclear materials, and to understand the origins of elements in the universe. Other such libraries are JEFF-3.3, prepared by the OECD Nuclear Energy Agency, and JENDL-5.0, by the Japan Atomic Energy Agency.

The PFNS paper concluded that only the JENDL-5.0 library included "both multi-chance fission and pre-equilibrium neutron emission processes" and that the ENDF-3.3 and JEFF-3.3 libraries "contain multi-chance fission but not pre-equilibrium". "However," it continued, "there are also clear differences observed in the [energy levels] relating to the magnitude of second-chance fission in the data, as well as a possible energy shift in the thresholds relating to the pre-equilibrium neutron emission process preceding fission."

THE GIST

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December 15

Statement-I: Plutonium is used as a source of energy, with one of its main applications being in the field of nuclear energy.

Statement-II: Plutonium was utilized in the first atomic bombs due to its key fissile properties, easier availability, and ease of fission

Which one of the following is correct in respect of the above statements?

(a) Both Statement-I and Statement-II are correct and Statement-II is the correct explanation for Statement-I

(b) Both Statement-I and Statement-II are correct and Statement-II is not the correct explanation for Statement-I

(c) Statement-I is correct but Statement-II is incorrect

(d) Statement-I is incorrect but Statement-II is correct

370 3:27 PM

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THE GIST

11. Consider the following airports :

1. Donyi Polo Airport
2. Kushinagar International Airport
3. Vijayawada International Airport

In the recent past, which of the above have been constructed as Greenfield projects ?

- (a) 1 and 2 only
- (b) 2 and 3 only
- (c) 1 and 3 only
- (d) 1, 2 and 3

Tamil Nadu Chief Minister M.K. Stalin announced plans for setting up an international airport on 2,000 acres of land, with the capacity to handle three crore passengers annually, in the industrial town of Hosur, which is 40 kms away from Bengaluru.

As per the present guidelines of the Civil Aviation Ministry, no greenfield airport would be allowed within an aerial distance of 150 kms of an existing civilian airport.

Given that the DMK government is part of the Opposition alliance, it has to negotiate hard with the Centre to get the necessary relaxation in norms for setting up the airport.

Government of India has accorded 'In-Principle' approval for setting up of 21 new Greenfield Airports namely, Mopa in Goa, Navi Mumbai, Shirdi and Sindhadurg in Maharashtra, Kalaburagi, Vijayapura, Hassan and Shivamogga in Karnataka, Dabra (Gwalior) in Madhya Pradesh, Kushinagar and Noida (Jewar) in Uttar Pradesh, Dholera and Hirasar in Gujarat, Karaikal in Puducherry, Dagadharthi, Bhogapuram and Orvakal (Kurnool) in Andhra Pradesh, Durgapur in West Bengal, Pakyong in Sikkim, Kannur in Kerala and Hollongi (Itanagar) in Arunachal Pradesh across the country. Out of these, 11 Greenfield airports viz. Durgapur, Shirdi, Kannur, Pakyong, Kalaburagi, Orvakal (Kurnool), Sindhadurg, Kushinagar, Itanagar, Mopa and Shivamogga have been operationalised.

Besides, Ministry of Civil Aviation has also launched Regional Connectivity Scheme (RCS) - UDAN (UdeDeshkaAamNagrik) on 21-10-2016 to stimulate regional air connectivity and making air travel affordable to the masses. An airport which is included in the awarded routes of UDAN and requires upgradation / development for commencement of RCS operations, is developed under "Revival/upgradation of unserved and underserved airports/heliports/water aerodromes" Scheme. Under the scheme, the unserved & underserved airports/airstrips, are identified/awarded all over the country including in the States of Bihar, Jharkhand, Uttar Pradesh, West Bengal and North Eastern States for revival/development and to operate UDAN flights. Till date, 74 airports (including heliports, water aerodromes & greenfield airports) have been operationalised across the country under UDAN (UdeDeshkaAamNagrik) since inception of the UDAN Scheme in 2016. State wise list of airports operationalised/revived under RCS is at Annexure.

Out of the above mentioned 21 Greenfield Airports, Government of India has accorded 'in-principle' approval for setting up 7 greenfield airports as international airports namely Mopa in Goa, Navi Mumbai in Maharashtra, Karaikal in Puducherry, Jewar (Noida) in Uttar Pradesh, Dholera and Hirasar in Gujarat and Bhogapuram in Andhra Pradesh. Out of these 7 airports, Airports Authority of India (AAI) has undertaken development of two airports namely Hirasar and Dholera at a total project cost of Rs.1405 crore and Rs.1305 crore respectively from its own resources. Financing of the remaining greenfield airport projects is the responsibility of concerned airport developers. Further, timeline for completion of the airport projects depends upon many factors such as land acquisition, availability of mandatory clearances, financial closure etc.


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Q11) Greenfield Airports:

1. Development of a Greenfield airport is governed under the Greenfield Airports (GFA) Policy, 2008.
2. As per the Policy, a State Government or an Airport Developer, willing to establish an airport is required to send a proposal to the Ministry of Civil Aviation (MoCA) for 2-stage approval i.e. 'Site-Clearance' followed by 'In-Principle' approval.
3. The responsibility of implementation of airport projects including funding of the projects rests with the concerned airport developer including the respective State Government (in case the State Government is the project proponent).
4. 100% Foreign Direct Investment (FDI) in Greenfield and Brownfield airport projects under the FDI Policy has been permitted.

231 4:34 PM

Q47)

Consider the following statements :

Statement-I :

Giant stars live much longer than dwarf stars.

Statement-II :

Compared to dwarf stars, giant stars have a greater rate of nuclear reactions.

Which one of the following is correct in respect of the above statements ?

- (a) Both Statement-I and Statement-II are correct and Statement-II explains Statement-I
- (b) Both Statement-I and Statement-II are correct, but Statement-II does **not** explain Statement-I

-II

-II

Six exoplanets found orbiting a nearby bright star

The Hindu Bureau

Six exoplanets orbiting around a nearby bright star (HD 10067) in the Corona Borealis constellation has been discovered. The planets have radii between that of Earth and Neptune. A study published in Nature has calculated the orbit details, along with estimates of their masses and densities, which offer clues about the formation of the

system and compositions of the planets.

Planets with radii between that of the Earth and Neptune (referred to as sub-Neptunes) are found in close-in orbits around more than half of all Sun-like stars, but details of their composition, formation and evolution are not well understood. HD 10067 is a bright star in the Corona Borealis con-

stellation (around 100 light years away), which is visible from Earth's Northern Hemisphere.

Observations of HD 10067 made by NASA's Transiting Exoplanet Survey Satellite (TESS) in 2020 and 2022 revealed seven dips in the star's brightness, and with additional observations from the Characterising Exoplanets Satellite (CHEOPS) the signals were interpreted as six planets passing in front of the star, report Rafael Laque and colleagues.

By studying the three innermost planets, the authors calculated the orbits of all six planets, ranging from around nine days for the innermost planet to around 54 days for the outermost planet.

The authors have calculated the masses of the planets and estimate the densities, which are relatively

low, the authors suggest that the low densities could be explained by large, hydrogen-rich atmospheres. All six planets are in resonant orbits, in which the planets exert regular forces on each other as they orbit. This feature suggests that the system remains practically unchanged since its birth, at least four billion years ago.

HD 10067 is the brightest star found to host more than four transiting exoplanets to date, the authors note, and add that more planets may exist within or beyond the temperate zone, although such observations have not been made so far. They conclude that the HD 10067 system offers a chance to learn more about sub-Neptunes and how systems in this configuration might form.



Current affairs quiz(The Hindu)
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The planet, which has a mass at least 13 times that of Earth, tightly orbits a star nine times less massive than the Sun, demonstrating that small stars can sometimes host larger planets

Current affairs quiz(The Hindu)

Why is the Neptune - mass exoplanet orbiting the very low mass M dwarf star LHS 3154 noteworthy for astrophysicists?

Anonymous Quiz

- 10% A) It is the first exoplanet ever discovered.
- 44% B) It challenges the current understanding of planet formation. ☒
- 27% C) It is the closest exoplanet to Earth
- 19% D) It supports the existing theories of exoplanet formation

79 answers

426 3:46 PM



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CIAN (Global Initiative of Academic

Q48)

Consider the following statements:

1. The Red Sea receives very little precipitation in any form.
2. No water enters the Red Sea from rivers.

Which of the statements given above is/are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

Current affairs quiz(The
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#MAP

RED SEA

- ✚ An inlet of the Indian Ocean between Africa and Asia.
- ✚ One of the most saline bodies of water in the world.
- ✚ Bordering Countries: Egypt, Saudi Arabia, Yemen, Sudan, Eritrea and Djibouti.
- ✚ Connected to the Indian ocean in south through the Bab el Mandeb strait and the Gulf of Aden.
- ✚ In the north are the Sinai Peninsula, the Gulf of Aqaba, and the Gulf of Suez (leading to the Suez Canal).
- ✚ Occupies a part of Great Rift Valley (Afro-Arabian Rift Valley)

Q206) Which of the following seas does the BARKA & ANSEBA RIVER flow into?

- a) Mediterranean Sea b) Arabian Sea
- c) Red Sea d) Caspian Sea

Anonymous Quiz

22% Option a

22% Option b

41% Option c

15% Option d

54 answers

353 4:58 PM

1 comment

Current affairs quiz(Th
02.06.23 at 11:38 AM

120 of 407



The Hindu News
Jan 18 at 1:52 PM



Q49)

With reference to the Indian economy, "Collateral Borrowing and Lending Obligations" are the instruments of:

- (a) Bond market
- (b) Forex market
- (c) Money market
- (d) Stock market

Current affairs quiz(The Hindu )channel

March 2

Consider the following markets

1. Government Bond Market
 2. Call Money Market
 3. Treasury Bill Market
 4. Stock Market
- How many of the above are included in capital markets?

Anonymous Quiz

6% (a) Only one

38% (b) Only two

36% (c) Only three

20% (d) All four

64 answers

239 10:58 PM

Discussion started

The Hindu Newspaper Quiz

Capital Market: Deals with long-term financial instruments like stocks, bonds (with maturities exceeding one year), and debentures.

Money Market: Deals with short-term financial instruments like treasury bills, commercial papers, and call money (typically with maturities of less than one year).

10:59 PM ✓✓

Q50)

With reference to physical capital in Indian economy, consider the following pairs :

	Items	Category
1.	Farmer's plough	Working capital
2.	Computer	Fixed capital
3.	Yarn used by the weaver	Fixed capital
4.	Petrol	Working capital

How many of the above pairs are correctly matched ?

- (a) Only one
- (b) Only two
- (c) Only three
- (d) All four

<https://t.me/newspaperquizz>

Current affairs quiz(The Hindu)

Q413) To stimulate economic growth, govern...

April 19

The Hindu Newspaper Quiz

Gross Fixed Capital Formation (GFCF) refers to the total value of investments in fixed assets such as machinery, equipment, buildings, and infrastructure. By implementing policies that promote infrastructure spending, governments can encourage investment in these areas, which in turn can boost economic growth through increased productivity, employment opportunities, and overall development.

- a) Increasing taxes on businesses and investments: This discourages investment, which is a key component of GFCF.
- c) Reducing interest rates to discourage borrowing: While lower interest rates can incentivize borrowing for investment, the goal is to encourage productive investment in fixed capital, not discourage borrowing altogether.
- d) Limiting imports of machinery and equipment: This can hinder businesses' ability to invest in new technologies and upgrades, potentially



Current affairs quiz(The Hindu)

4.9K subscribers



Last long term asset

Kisan credit card scheme

- 1. Cultivation of crop
 - 2. Post harvest expenses
 - 3. Produce marketing loan
 - 4. consumption requirement of family
 - 5. working capital-maintenance of farm assets
 - 6. Investments credit require for agri
- Choose short term credit in KCC?

Anonymous Quiz

10% 1,2,4,

10% 1,3,4,5

35% 1,2,3,4,5

45% All

31 answers

194 7:12 PM

Q51)

Consider the following statements in respect of the digital rupee :

1. It is a sovereign currency issued by the Reserve Bank of India (RBI) in alignment with its monetary policy.
2. It appears as a liability on the RBI's balance sheet.
3. It is insured against inflation by its very design.
4. It is freely convertible against commercial bank money and cash.

Which of the statements given above are correct ?

- (a) 1 and 2 only
- (b) 1 and 3 only
- (c) 2 and 4 only
- (d) 1, 2 and 4

 **Current affairs quiz(The** 4.9K subscribers

 **2. Person to person transfer too**
3. No interest

81 answers  264 1:46 PM

Digital currency by RBI

1. It's recognised as legal tender by RBI everyone accept as medium of exchange
2. It's used only between person to merchant
3. It same as the bank deposits provide interest rate
Choose the incorrect answer

Anonymous Quiz

18% 1 and 2 only

38% 2 and 3 only

27% 1 and 3 only

17% None

103 answers  337 1:46 PM

Q52)

23. Consider the following pairs :

	Country	Animal found in its natural habitat
1.	Brazil	Indri
2.	Indonesia	Elk
3.	Madagascar	Bonobo

How many of the pairs given above are correctly matched ?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None



Current affairs quiz(The

4.9K subscribers

Pinned Message

Given that the January edition of Vision IAS Cu...
langanyika), Zambia, and Angola, and has a coastline along the South Atlantic Ocean.

- ✦ more than half of the country is covered by dense tropical rainforest.
- ✦ Kinshasa is the capital of the DRC and is located on the Congo River.
- ✦ The official language is French, but other languages include Kituba, Lingala, Swahili, and Tshiluba. It is rich in natural resources. This includes timber, oil and gas, gold and diamonds, as well as minerals critical to the energy transition, like cobalt and copper.
- ✦ Great apes such as bonobos and eastern lowland gorillas can only be found in Congo.

 **NEWS** - The U.S. deplored growing violence by DR Congo's M23 rebels, saying the group's backers in Rwanda must remove sophisticated ground-to-air missiles that are threatening lives in the country's east

292 7:23 PM

Q53)

The North Eastern Council (NEC) was established by the North Eastern Council Act, 1971. Subsequent to the amendment of NEC Act in 2002, the Council comprises which of the following members ?

1. Governor of the Constituent State
2. Chief Minister of the Constituent State
3. Three Members to be nominated by the President of India
4. The Home Minister of India

Select the correct answer using the code given below :

- (a) 1, 2 and 3 only
- (b) 1, 3 and 4 only
- (c) 2 and 4 only
- (d) 1, 2, 3 and 4

**Current affairs quiz(The**
4.9K subscribers

Pinned Message
Rivers - Dam 1. Godavari - Nagarjuna Sagar da...

41% 1 and 3 only



86 answers

 2

 284 3:18 PM



1.The North Eastern Council is the nodal agency for the economic and social development of the North Eastern Region which consists of the eight States

2.The NEC was constituted in 1971 by an Act of Parliament

3. Headed by prime minister

Choose  ans

Anonymous Quiz

43% 1 and 2 only



14% 2 and 3 only

18% 1 and 3 only

25% All

77 answers 311 3:18 PM



36. In which of the following are hydrogels used ?
- Controlled drug delivery in patients
 - Mobile air-conditioning systems
 - Preparation of industrial lubricants
- Select the correct answer using the code given below :
- 1 only
 - 1 and 2 only
 - 2 and 3 only
 - 1, 2 and 3

←  **Current affairs quiz(The** 4.9K subscribers

Pinned Message
 📌 Questions Based on the PT 365 - Internatio... Q281)

1. Indian Institute of Science researchers created a sustainable hydrogel with an intertwined polymer network to capture and degrade microplastics using X Ray radiation.
 2. The hydrogel developed by the team consists of three different polymer layers – chitosan, polyvinyl alcohol and polyaniline – intertwined together, making an interpenetrating polymer network (IPN) architecture.
 3. The team infused this matrix with nanoclusters of a material called copper substitute polyoxometalate (Cu-POM), which are catalysts capable of degrading microplastics.
 4. The combination of polymers and nanoclusters resulted in a strong hydrogel with the capability to adsorb and degrade significant amounts of microplastics(remove approximately 95% and 93% of two types of microplastics in water).

👁 177 1:15 PM

💬 Leave a comment

How many of the statements given above are incorrect?

IISc researchers design novel hydrogel to remove microplastics from water

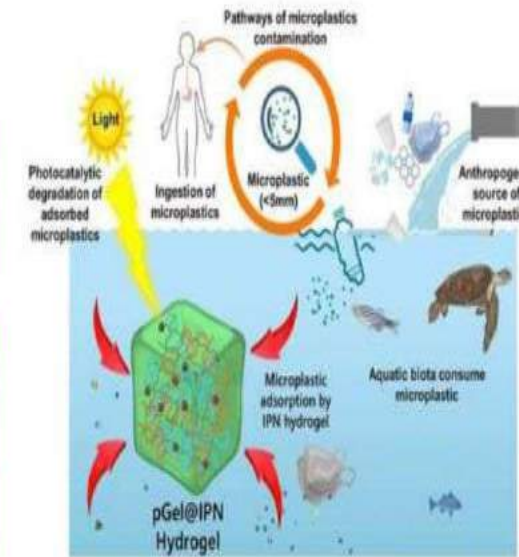
The Hindu Bureau
 BENGALURU

Researchers at the Indian Institute of Science (IISc) have designed a sustainable hydrogel to remove microplastics from water.

According to the IISc, microplastics pose a great threat to health as these tiny plastic debris can enter our bodies through the water we drink and increase the risk of illnesses.

The hydrogel designed by the researchers has a unique intertwined polymer network that can bind the contaminants and degrade them using UV light irradiation.

Scientists have previously tried using filtering membranes to remove mi-



Safe water: The hydrogel can bind the contaminants and degrade them using ultra violet light irradiation, says the IISc study.

croplastics. However, the membranes can become clogged with these tiny particles, rendering them unsustainable.

Instead, the IISc team led by Suryasarathi Bose,

Professor at the Department of Materials Engineering, decided to turn to 3D hydrogels. The hydrogel developed by the team consists of three different polymer layers - chitosan,

polyvinyl alcohol and polyaniline - intertwined together, making an interpenetrating polymer network (IPN) architecture.

The team infused this matrix with nanoclusters of a material called copper substitute polyoxometalate (Cu-POM). These nanoclusters are catalysts that can use UV light to degrade the microplastics. The combination of the polymers and nanoclusters resulted in a strong hydrogel with the ability to adsorb and degrade large amounts of microplastics. The team found that the hydrogel could remove about 95% and 93% of two types of microplastics in water.

The study has been published in *Nanoscale*.

Q55)

With reference to the Digital India Land Records Modernisation Programme, consider the following statements:

1. To implement the scheme, the central government provides 100% funding.
2. Under the Scheme, Cadastral Maps are digitised.
3. An initiative has been undertaken to transliterate the Records of Rights from local languages to any of the languages recognized by the Constitution of India.

Which of the statements given above are correct?

- (a) 1 and 2 only
- (b) 2 and 3 only
- (c) 1 and 3 only
- (d) 1, 2 and 3

 **Current affairs quiz(The**
4.9K subscribers

Central sector scheme
Ministry of Rural Development.

Digital India Land Records Modernization Programme (DILRMP)
1. it is a Central Sponser Scheme since 2016.
2.Nodal Ministry: Ministry of statistics
3.DILRMP has been extended for five years, i.e., 2021-22 to 2025-26
4.Nine state secretaries have received Bhoomi Samman awards for their achievements in implementing the DILRMP in 2023

 2  370 3:35 PM

 **Leave a comment** 

How many statements is are correct
Anonymous Quiz
5% **Only one**
21% **Only two** 

Q56)

With reference to the Pradhan Mantri Shram Yogi Maan-dhan (PM-SYM) Yojana, consider the following statements :

1. The entry age group for enrolment in the scheme is 21 to 40 years.
2. Age specific contribution shall be made by the beneficiary.
3. Each subscriber under the scheme shall receive a minimum pension of ₹ 3,000 per month after attaining the age of 60 years.
4. Family pension is applicable to the spouse and unmarried daughters.

Which of the statements given above is/are correct ?

- (a) 1, 3 and 4
- (b) 2 and 3 only
- (c) 2 only
- (d) 1, 2 and 4

 **Current affairs quiz(The** 4.9K subscribers

 **Central Sector Scheme.
Unorganised sector workers**

 [Leave a comment](#)

**PRADHAN MANTRI SHRAM YOGI
MAAN DHAAN**

1.It is a Central Sponser Scheme administered by the Ministry of Labour and Employment

2.It is implemented through Life Insurance Corporation of India and CSC e-Governance Services India Limited

3.It is a voluntary and contributory pension scheme, under which the subscriber(organised workers) would receive a minimum assured pension of Rs 3000/- per month after attaining the age of 60 years.

👁 350 10:26 PM
 [Leave a comment](#)

How many statements is are correct
Anonymous Quiz

12% Only one


THANK YOU FRIENDS

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