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## 1. India ranks 68th in the 11th Global Food Security Index \_\_



India has secured 71st position among 113 countries in the Global Food Security (GFS) Index-2021. India ranked best in South Asia in terms of overall score but lags behind its neighbors Pakistan and Sri Lanka in terms of food affordability. Pakistan (with a score of 52.6) has scored better than India (50.2 points) in the food affordability category. A global report released on Tuesday by Economist Impact and Corteva Agriscience said Sri Lanka in this category of the GFS Index-2021. Is on an even better footing with 62.9 points. Ireland, Australia, UK, Finland, Switzerland, Netherlands, Canada, Japan, France and the US scored 77 on the index. shared the top spot by achieving an overall GFS score between 8 and 80. The GFS index highlights systemic gaps and actions needed to accelerate progress towards the United Nations' sustainable development goal of zero hunger by 2030. As per the report, India secured 71st position in the GFS Index-2021 out of 113 countries with a total score of 57.2. It was followed by Pakistan (75th), Sri Lanka (77th), Nepal (79th) and Bangladesh (84th). But India is far behind China (34th position).

## 2. Bosnia becomes the new formal candidate of the European Union



European Union countries have agreed to grant candidate status to Bosnia to join the union, allowing the volatile Balkan nation to begin a long road to membership. has breathed new life into the EU's willingness to consider giving more to neighbours. The EU worries that other powers, such as Russia or China, could spread their influence in the Balkans if it hopes to join the bloc. Countries with membership are thwarted. A meeting of European affairs ministers in Brussels in October gave the green light for Bosnia to become a candidate after the bloc's executive branch recommended starting the membership process. The move is expected to be formally signed by EU leaders at a summit in Brussels. Czech Europe Minister Mikulas Beck,

## 3. Argentina became FIFA World Champion under Messi's captaincy



Swinging between Lionel Messi's dream and Kylian Mbappe's hat-trick, Messi finally managed to break the last spell of his career in

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the World Cup final. Argentina became world champion after 36 years by defeating France 4-2 in the penalty shootout. Lionel Messi opened the scoring for Argentina in the 23rd minute before Angel Di Maria doubled the lead in the 36th minute in the title clash at the Lusail Stadium. Argentina were heading for a one-sided victory when Kylian Mbappe equalized in the 80th minute. Defending champions France were brought back into the match by scoring a goal in the 81st minute. Messi scored in the 109th minute to give Argentina the lead again, but Mbappe scored in the 118th minute to take the match to a penalty shootout. Mbappe opened France's account in the shootout, but apart from him, only Kolo Muani could score for France. On the other hand, Messi, Dybala, Paredes and Montiel scored in the shootout to make Argentina world champions after four decades. Argentina is the first non-European team to win the title in 20 years. Messi, playing his last World Cup, also fulfilled his dream of crowning the world champion with this victory. Chouameni missed the target. After losing to Saudi Arabia in their first match, Argentina reached the final with a spectacular performance and did not intend to rest here either. In the 21st minute of the match, Di Maria collided with Ousmane Dembele in the French box and went down, earning Argentina a penalty. Messi fired the penalty into the bottom right corner of the goal post to give his team an early lead. Due to which Argentina got a penalty. Messi fired the penalty into the bottom right corner of the goal post to give his team an early lead. Due to which Argentina got a penalty. Messi fired the penalty into the bottom right corner of the goal post to give his team an early lead. Due to which Argentina got a penalty. Messi fired the penalty into the

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## 4. First SWOT satellite mission launched to study climate change



That the climate of the upper atmosphere is changing. While temperatures are rising at lower levels, the effect is visible in the middle and upper atmosphere. According to new research from the British Antarctic Survey, rising levels of carbon dioxide (CO<sub>2</sub>) in the Earth's atmosphere are causing air pollution at very high altitudes. The density will decline in the long run. This reduced density would reduce the drag on objects orbiting in the upper atmosphere between 90 and 500 km altitude, increasing the lifetime of debris in space and increasing the risk of collisions between debris and satellites. Density in the upper atmosphere Satellites are more prone to collision with space debris due to their low altitude. People are becoming more dependent on satellites for navigation systems, mobile

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communication and Earth monitoring, if damaged the satellites costing billions of dollars, Collisions can be a big problem. The study, published in the journal Geophysical Research Letters, presents the first realistic assessment of climate change in the upper atmosphere for the next 50 years. Although many studies have investigated changes in the lower and middle atmosphere, research in very high altitude scenarios is very limited. There were approximately 5,000 active and inactive satellites in low Earth orbit at an altitude of 2,000 km. This number had increased by 50 per cent in the last two years. Various companies plan to add thousands more over the next decade. Once they're done, satellites continue in orbit but gradually slow down due to atmospheric drag, until they burn up in the lower atmosphere. By then their orbital altitude has decreased. Current guidelines set by the Inter-Agency Space Debris Coordination Committee ensure satellite operators remove defunct satellites within 25 years, but plan and calculate for low atmospheric density. In contrast to the lower atmosphere, the middle and upper atmosphere have been cold. This leads to a drop in density at those altitudes with practical implications for the drag on objects such as decommissioned satellites and debris related to space missions. With less drag the lifetime of these objects increases, the objects remain in orbit for longer and are at greater risk of collision with active satellites as well as other space debris. The middle and upper atmosphere has been cold. This leads to a drop in density at those altitudes with practical implications for the drag on objects such as decommissioned satellites and debris related to space missions. With less drag the lifetime of these objects increases, the objects

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## 5. Sargam Koshal of Jammu and Kashmir became Mrs. World-2022



Has won the title of Mrs. World 2022, becoming the winner among contestants from 63 countries. This title has returned to India after 21 years. America's Mrs World 2021 Shaylin Ford crowned Mumbai's prowess at an event held at the Westgate Las Vegas Resort & Casino on Saturday evening. Mrs. Polynesia was adjudged the 'first runner-up' followed by Mrs. Canada as the 'second runner-up'. -up (second runner-up)' was declared. The Mrs India pageant announced the winner on its official Instagram page on Sunday. The post said that the long wait is over, we have got the title back after 21 years. In a video after the event, Mrs World, who hails from Jammu and Kashmir, said that we have got the Taj back after 21-22 years. . I am very excited. love you



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india, Love you world. Actress-model Aditi Govitrikar, who won the Mrs World title in 2001, also shared a congratulatory message on the unverified page of the Mrs World contest. Tagging Sargam Kaushal, Govitrikar wrote, "Very happy... Hearty congratulations Kaushal for being a part of the journey." The crown is back after 21 years. For the final round, Kaushal wore a pink slit dazzling gown designed by Bhavana Rao and was guided by pageant expert and model Alessia Raut. Mrs. World is the first beauty pageant for married women, which was started in 1984. Kaushal wore a pink slit dazzling gown designed by Bhavana Rao and was guided by pageant expert and model Alessia Raut. Mrs. World is the first beauty pageant for married women, which was started in 1984. Kaushal wore a pink slit dazzling gown designed by Bhavana Rao and was guided by pageant expert and model Alessia Raut. Mrs. World is the first beauty pageant for married women, which was started in 1984.

## 6. Dashvyapa campaign to be launched by CSIR "One week, one lab



Union Minister of Science and Technology and Vice-Chairman of CSIR (Council of Scientific and Industrial Research) Jitendra Singh on Saturday announced One Week, One Lab countrywide campaign starting from January 6, 2023. In this campaign, 37 major laboratories of CSIR spread across the country Each of the institutes will

showcase their unique innovations and technological breakthroughs to the people of the country within a week. Addressing the 200th Governing Body meeting of CSIR at the Science Center in Delhi, Jitendra Singh said, One Week One Lab theme- based campaign is expected to inspire young innovators, students, start-ups, academia and industry to explore opportunities through Deep Tech Ventures. The Minister recalled that Prime Minister Narendra Modi, who is the Council of Scientific and Industrial Research (CSIR) is the chairman, chaired the meeting of the CSIR Society on October 15 this year and appreciated the efforts made by CSIR in the last 80 years. The Prime Minister at the meeting of the Society urged CSIR to develop a vision for 2042, when CSIR turns 100 and also highlights the importance of documenting the journey of the last 80 years, which can help review progress achieved and identify areas, so that gaps can be addressed. On Saturday In the 200th meeting of the Governing Body of CSIR, the Minister announced a special call for research grant proposals for women scientists. The call for research grant proposals is for women scientists who, Those who have taken a career break and are interested in returning to research and re-establishing their career. The Science and Technology Minister also released the new tagline CSIR-The Innovation Engine of India keeping in view the changes taking place in CSIR.

## 7. Rehan Ahmed becomes the youngest Test cricketer to take five wickets on debut

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England leg-spinner Rehan Ahmed has become the youngest male Test cricketer to take a five-wicket haul on debut during the ongoing third match against Pakistan at the National Bank Cricket Arena. Having made his Test debut at the age of 18 years and 126 days, Rehan claimed three wickets in six overs in the second innings to take 5–48, which saw Pakistan bowled out for 216 in 74.5 overs on the third day of the match. Played an important role in doing this. Earlier this record was in the name of Pat Cummins. He took 6/79 against South Africa in 2011 and was 18 years 193 days old at the time of the match. After 41 overs in Pakistan's second innings, Rehan was finally brought into the bowling attack on Monday and made an immediate impact by breaking the partnership between Babar Azam and Saud Shakeel that kept the hosts in control. Rehan got Babar out caught, Who was playing on 54 runs. Rehan then sent the pavilion to Saud Shakeel, who was playing on 53 runs. He then dismissed Pakistan's new fast bowler Mohammad Wasim, then dismissed Agha Salman at short fine-leg to complete his five-wicket haul.

**8. Overall trade deficit narrows to \$11.11 billion in November**



India's overall trade deficit for goods and services fell to \$11.11 billion in November this year, which is lower than the year-ago and month-ago levels. India's monthly trade deficit narrowed to a six-month low of \$23.81 billion. Trade deficit is the amount by which a country's import costs exceed its export prices in a given period. According to the data released by the government, in November, exports (India Export) registered a growth of just 0.59 percent on an annual basis and this figure stood at \$ 31.99 billion. Exports in November 2021 were \$ 31.8 billion. Imports registered a growth of 5.37 per cent last month. The import figure stood at \$55.88 billion. In November 2021, this figure was \$ 53.93 billion. The trade deficit widened to \$23.89 billion last month due to increase in imports. According to the data, Exports in the first eight months (April-November) of the current financial year 2022-23 stood at \$295.26 billion, as against \$265.77 billion in the same period a year ago. Imports in the first eight months of the current fiscal stood at \$493.61 billion as against \$381.17 billion in the year-ago period.

## ONE LINER

Who has released his new book ' Pride Prejudice and Punditry ' - **Dr. Shashi Tharoor**

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Ascot Wildlife Sanctuary of which state has been declared as Eco Sensitive Zone - **Uttarakhand**

Who has become the European nation to approve cannabis for personal use - **Malta**

Who will host the eleven -day ' Lokrang Mahotsav ' - **Jaipur**

Which country has signed a letter of intent with India in the field of digital media - **Vietnam**

Where has the 7th edition of India International Science Festival started - **Panaji**

Who has taken over as the head of the Chief of Staff Committee - **MM Narwane**

Who topped the ' Basic Literacy Index ' released - **West Bengal**

Who has released the book ' Raj Kapoor : The Master at Work ' written by - **Rahul Rawail**

Where has it been announced to set up a Marma Medical Training Center - **Uttarakhand**

Prime Minister of which country has given the highest civilian honor to Narendra Modi - **Bhutan**

The Union Cabinet has decided to increase the age of marriage of women from 18 to how many years - **21**

Which country 's Defense Minister Florence Parly has come on a visit to India - **France**

Who has received the ' Global Entrepreneur of the Year ' award - **Kumar Mangalam Birla**

Who has tied up with BMW Motorride to make electric vehicles - **TVS**

## QUIZ

**1. Union Minister Nitin Gadkari through which company has launched India 's first ' surety bond insurance ' for infra developers ?**

(a) **Bajaj Allianz**

(b) Reliance

(c) Royal Sundaram

(d) **HDFC**

**Explanation - :** Bajaj Allianz Union Minister Nitin Gadkari has launched India 's first surety bond insurance for infra developers of Bajaj Allianz . \_ Which will reduce the dependency of bank guarantees of infra developers . surety bond insurance , one for the insurance principal Risk transfer is a tool that protects against loss in the event of the contractor not being able to fulfill his contract . \_

**2. Which city of India has been selected to host the U20 cycle under India 's presidency of the G20 ?**

(a) **Ahmedabad**

(b) Lucknow

(c) Indore

(d) **Mumbai**

**Explanation - :** Ahmedabad The city of Ahmedabad in the state of Gujarat has been selected to host the U20 cycle under India 's presidency of the G20 . The logo , website and social media handles of Urban -20 or U20 have been unveiled by the Gujarat CM . Urban -20 The event will begin with the meeting of the G20 Sherpas in February next year and end with the U20 Mayors ' Summit . \_ \_

**3. Which French footballer has announced his retirement from international football on his 35th birthday ?**

(a) Alfonso Areola

(b) **Karim Benzema**

(c) Hugo Lloris

(d) Benjamin Pavard

**Explanation - :** Karim Benzema French footballer and Real Madrid captain Karim Benzema has announced his retirement from international football . \_ \_ He announced his retirement on his 35th birthday . \_ \_ \_ \_ Benzema top scorer for France in 2014 FIFA World Cup \_ \_ Were staying \_ He could not



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participate in the 2022 FIFA World Cup due to injury . \_ Karim Benzema has also been awarded the men 's Ballon d' Or 2022 award in Paris .

**4. Which State / UT has the highest SPI score under the recently released ' Social Progress Index ' ( SPI ) ?**

**(a) Puducherry**

(b) Goa

(c) Sikkim

(d) Delhi

**Explanation - :** The Social Progress Index ( SPI ) prepared for states and districts by the Puducherry Institute for Competitiveness and Social Progress Imperative has been released . Based on the SPI score , states and districts were ranked under six levels of social progress \_ \_ \_ is . Puducherry is the state with the highest SPI score ( 65.99 ) in the country under Very High Social Progress .

**5. What is the name of the fifth Scorpene submarine recently inducted into the Indian Navy ?**

(a) INS Kalavari

(b) INS Khanderi

**(c) INS Vagir**

(d) INS Kharanj

**Explanation - :** INS Vagir , the fifth submarine of Project 75 , INS Vagir , a Kalvari class submarine , Yard 11879 , has been commissioned into the Indian Navy . Isko is the fifth of six Scorpene - style submarines under Project 75 . \_ \_ Whose construction is completely indigenous done since . \_ \_ Its sea trials were started on February 1 , 2022 . \_

**6. When is the Foundation Day of Armed Border Force celebrated ?**

(a) 18 December

(b) 15 December

(c) 19 December

**(d) 20 December**

**Explanation - :** 20th December Sashastra Seema Bal is celebrating its ' 59th Raising Day ' on 20th December with dedication towards safe , secure and prosperous India . \_ The Sashastra Seema Bal , or SSB , is an Indian border guarding organization that serves the country along with Nepal and Bhutan . patrols the borders of . \_ \_ It is one of the five Central Armed Police Forces and it functions under the Ministry of Home Affairs .

**7. What is the name of the P15B stealth - guided missile destroyer inducted into the Indian Navy ?**

**(a) INS Mormugao**

(b) INS Kolkata

(c) INS Kochi

(d) INS Chennai

**Explanation - :** INS Mormugao The second indigenously designed , stealth guided - missile destroyer P15B class warship INS Mormugao was commissioned at the Naval Dockyard in Mumbai . \_ \_ It was completely indigenously designed by the Warship Design Bureau . \_ \_ build it Mazagon Dock Shipbuilders Limited ( MDL ) of Mumbai . \_ \_ The destroyer is 163 meters in length and 17 meters in breadth , equipped with state - of - the - art weapons and surface -to- surface and surface - to - air missiles .

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