

**29 November 2021**

1.) The legislative assembly of which of the following state has passed a bill for online sale of movie tickets ?

निम्नलिखित में से किस राज्य की विधानसभा ने मूवी टिकटों की ऑनलाइन बिक्री के लिए एक विधेयक पारित किया है?

- a) Kerala Legislative Assembly
- b) Gujarat Legislative Assembly
- c) Maharashtra Legislative Assembly
- d) Andhra Pradesh Legislative Assembly

Answer : Andhra Pradesh Legislative Assembly

Explanation : The Andhra Pradesh Assembly passed the AP Cinemas (Regulation) (Amendment) Bill 2021, paving the way for an online movie ticketing system to be administered by the state government. The government said the amendment would help the government regulate cinema ticket pricing and check exploitation of moviegoers.

The government has decided to introduce a transparent online ticketing system, on the lines of Andhra Pradesh State Road Transport Corporation (APSRTC), and the Indian Railways online ticketing system, to keep a check on tax evasions, and enhance the movie theatre experience in the state

The proposed online ticketing system will enable the public to book tickets through mobile phones without queuing up at theatres or burning their pockets by buying tickets in black.

2.) What is the name of the scheme, which provides 5 kg grain per person per month free of cost to all NFSA beneficiaries ?

उस योजना का नाम क्या है, जो सभी एनएफएसए लाभार्थियों को प्रति व्यक्ति प्रति माह 5 किलो अनाज मुफ्त प्रदान करती है?

- a) PM – KVV
- b) PM – GKAY
- c) PM – JDY
- d) PM – FBY

Answer : PM – GKAY

Explanation : The Union Cabinet decided to extend the free foodgrains supply under the Pradhan Mantri Garib Kalyan Anna Yojana (PMGKAY) to provide relief to ration cardholders till March 2022. Under the PMGKAY, 5 kg foodgrain per person per month is being provided free of cost to more than 80 crore beneficiaries.

The scheme was launched to provide relief to poor people amid the COVID-19 pandemic, leading to the nationwide lockdown. It has been extended several times since then.

In March 2020, the government announced the Pradhan Mantri Garib Kalyan Anna Yojana (PM-GKAY) for all beneficiaries covered under the National Food Security Act, 2013 (NFSA) as part of the PM Garib Kalyan Package. During April-November 2020, a total of about 321 lakh MT foodgrains was allocated by the department to all states/UTs, about 305 lakh MT food grains lifted by states/UTs and a total of about 298 LMT of foodgrains (around 93 per cent of allocated quantity) was distributed all over the country.

3.) DBT – National Brain Research centre (DBT – NBRC) has developed a unique brain initiative, name it ?

डीबीटी - राष्ट्रीय मस्तिष्क अनुसंधान केंद्र (डीबीटी - एनबीआरसी) ने एक अनूठी मस्तिष्क पहल विकसित की है, इसका नाम बताएं?

- a) SWADESH

- b) Suvidha
- c) Suraksha
- d) None of these

Answer : SWADESH

Explanation : DBT-National Brain Research Centre (DBT-NBRC) have recently developed project SWADESH, a unique brain initiative focusing on certified neuroimaging, neurochemical, neuropsychological data and analytics that are made accessible to researchers for managing brain disorders.

SWADESH is the first large-scale multimodal neuroimaging database designed specifically for Indian population with big-data architecture and analytics for various disease categories. SWADESH was inaugurated by Dr. Jitendra Singh, Union Minister of State (Independent Charge) for the Ministry of Science and Technology

SWADESH is supported by JAVA-based workflow environment and Python. Backed by a dedicated storage system, it provides quality control, data analysis reports, and data backups. Its development will facilitate the integration of multi-site data and collaborative research worldwide.

4.) Which edition of the national Organ Donation day is to be observed in 2021 ?

2021 में राष्ट्रीय अंग दान दिवस का कौन सा संस्करण मनाया जाना है?

- a) 14<sup>th</sup>
- b) 15<sup>th</sup>
- c) 16<sup>th</sup>
- d) 12<sup>th</sup>

Answer : 12<sup>th</sup>

Explanation : For the last ten years, the 27th of November has been designated as 'National Organ Donation Day in India. This day strives to encourage people to donate

their healthy organs after death in order to save more lives. Donating organs like the kidneys, heart, pancreas, eyes, lungs, etc can help save the lives of those who are suffering from chronic illnesses.

The day aims to promote awareness and recognize the selfless contribution made by deceased donors to healthcare and mankind re-instill our faith in humanity. 2021 marks the 12th National Organ Donation Day.

It is organized by the National Organ & Tissue Transplant Organization (NOTTO) under the Ministry of Health and Family Welfare.

5.) Co Authored relativity theory manuscript by which of these physicists has been sold for \$13 million recently ?

इनमें से किस भौतिक विज्ञानी द्वारा सह-लेखक सापेक्षता सिद्धांत पांडुलिपि को हाल ही में \$13 मिलियन में बेचा गया है?

- a) Albert Einstein
- b) Newton
- c) Bill Gates
- d) None of these

Answer : Albert Einstein

Explanation : A 54-page manuscript co-written by Albert Einstein and Swiss engineer Michele Besso has sold at auction for a record-breaking \$13 million. According to Christie's auction house, which hosted the sale, the manuscript has set a new record for the most expensive autographed scientific document ever sold.

The identity of the buyer has not been revealed, though Christie's noted that the auction attracted the interest of buyers around the world. The manuscript in question was written by Einstein and Besso between June 1913 and early 1914, when the pair tested equations that would ultimately become the foundation of Einstein's theory of relativity. The manuscript is exceptional for its rarity, Christie's noted, as Einstein seldom

kept drafts of his own writing and correspondences; Besso, on the other hand, preserved much of his work with Einstein for posterity.

6.) Name of the minister who launches unique anti bacterial fabric ?

उस मंत्री का नाम जिसने अद्वितीय एंटी बैक्टीरियल फैब्रिक लॉन्च किया?

- a) Narayana Rane
- b) Amit Shah
- c) Nirmala Sitharaman
- d) None of these

Answer : Narayana Rane

Explanation : Union Minister for MSME Shri Narayana Rane launched the unique anti-bacterial fabric developed by Kumarappa National Handmade Paper Institute, Jaipur, under KVIC. The fabric is treated with anti-bacterial agent extracted from cow dung which prevents bacterial growth in the fabric.

Shri Rane said this innovative fabric could be great use in hospitals and other medical facilities. The Minister also lauded the innovative Khadi Prakritik Paint made from cow dung and the unique plastic-mixed handmade paper developed by the Institute. He said the two products had great potential of creating rural employment while also contributing to environment protection.

7.) Recently which ministry has organized the 24<sup>th</sup> CISO Deep Dive Training program under the Cyber Safe India initiative ?

हाल ही में किस मंत्रालय ने साइबर सेफ इंडिया पहल के तहत 24वें CISO डीप डाइव ट्रेनिंग प्रोग्राम का आयोजन किया है?

- a) Ministry of Education
- b) Sports Ministry
- c) Ministry of Electronics and technology
- d) Tribal Ministry

Answer : Ministry of Electronics and technology

Explanation : Aimed at creating awareness around cyber security and develop an empowered and strong cyber ecosystem in Government organisations in India, the National e-Governance Division under the Ministry of Electronics and IT is conducting a six-day Deep Dive Training program for Chief Information Security Officers (CISOs)

The Deep Dive Training program under the Cyber Surakshit Bharat initiative is aimed to prepare the CISOs and frontline IT officials to face challenges of cyber security and handle cyber crisis. This type of training empowers them to secure their organisations from cyber threats and for smooth delivery of e-Gov services and functioning of production units.

NeGD has been consistently organising such workshops with the primary goal of promoting a safe digital space among citizens. The Cyber Surakshit Bharat initiative was launched in January 2018 by the Ministry of Electronics and Information Technology (MeitY).

It is the first public-private partnership of its kind that leverages the expertise of the IT industry in cyber security along with MeitY's organisations such as CDAC, CERT-In, NIC and STQC as the knowledge partners in this training program.

8.) As per the National Family and Health Survey (NFHS-5), there are how many women for 1000 men in the country in 2019-2021 ?

राष्ट्रीय परिवार और स्वास्थ्य सर्वेक्षण (NFHS-5) के अनुसार, 2019-2021 में देश में 1000 पुरुषों पर कितनी महिलाएं हैं?

- a) 1000
- b) 941
- c) 1020
- d) 916

Answer : 1020

Explanation : NFHS Report 2021: The fifth round of National Family and Health Survey (NFHS) released showed that India has 1,020 women for every 1,000 men. Considering that the NFHS is a sample, the actual numbers will be revealed in the next census results.

As per the report, the gender ratio at birth for children born in the last five years is still 929 which suggests that preference for male child and macabre practices like female foeticide still persists. The share of population under the age of 15 years came down from 34.5 per cent to 26.5 per cent since 2005-06. The total fertility rate (TFR) or average number of children per women in India now at 2 which is below the replacement level fertility rate.

NFHS-5 covered 720,000 women and just above 100,000 men – and its basic results can be compared to the previous four rounds which were conducted in 1992-93, 1998-99, 2005-06 and 2015-16.

9.) Mr. Nitin Gadkari has recently inaugurated highway projects of how many km length in Jammu and Kashmir ?

श्री नितिन गडकरी ने हाल ही में जम्मू और कश्मीर में कितनी किलोमीटर लंबाई की राजमार्ग परियोजनाओं का उद्घाटन किया है?

- a) 57 km
- b) 157 km
- c) 257 km
- d) 357 km

Answer : 257 km

Explanation : Union Minister for Road Transport and Highways Nitin Gadkari will lay the foundation stone for 25 National Highway projects of total length 257 km with an investment of Rs 11,721 crores in Jammu

As per an official statement released by the Ministry of Road Transport and Highways, these projects will provide all-weather connectivity between Jammu and Kashmir valley. These are strategically important for swift movement of defence forces along with agricultural, industrial and socio-economic progress of the region

It further stated that the projects will connect all major roads leading to various district headquarters and will help in the generation of employment and self-employment opportunities. The projects will involve Rehabilitation and upgradation of some sections, construction of Via duct and tunnel and Rectification of black spots