17th July, 2024

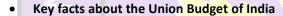
1. <u>Halwa Ceremony</u> GS 1 (Governance)

Why in News: Recently, the Union Finance Minister participated in a traditional 'halwa' ceremony, marking the final stage for preparation of Union Budget 2024-25 to be

unveiled on July 23 in Lok Sabha.

About Halwa Ceremony:

- The ceremony is a ritual in which traditional dessert 'halwa' is prepared and served to officials and staff members of the finance ministry who are involved in the preparation of the Budget.
- It is a kind of a 'send-off' for finance ministry officials and staff involved in the preparation of the Union government's annual financial statement.
- They enter what is called a 'lock-in' period, during which they stay in the basement of North Block, cut off from the world outside to maintain the secrecy around the final budget document.
- These stringent measures date back to a leak that occurred in 1950. A portion of the Union Budget was leaked while it was being printed at Rashtrapati Bhawan. As a result of the leak, the then Finance Minister, John Matthai, resigned.



- The Union Budget of India also referred to as the Annual Financial Statement in the Article 112 of the Constitution of India, is the annual budget of the Republic of India.
- It is also known as the Annual Financial Statement of the Government; however, the term "budget" is not mentioned in the Constitution.

2. Centre reconstitutes NITI Aayog GS 2 (Governance)

• Why in news: The Centre has reconstituted the NITI Aayog with 15 union ministers, including those from NDA allies and four full-time members, being a part of the government think-tank. The

government reconstituted NITI Aayog after changes were made in the council of ministers.

National Institution for Transforming India (NITI) Aayog

O About:

- NITI Aayog, was formed via a resolution of the Union Cabinet on 1 January 2015. It was constituted to replace the Planning Commission - instituted in 1950.
- It is the premier policy think tank of the Government of India, providing directional and policy inputs.
- NITI Aayog acts as a platform to bring the States to act together in national interest and thereby fosters cooperative federalism.

Composition

Chairperson: The Prime Minister of India

Centre reconstitutes NITI Aayog, brings in allies as special invitees

AGGAM WALIA NEW DELHI JULY 16

THE GOVERNMENT on Tuesday reconstituted the NITI Aayog, increasing the number of special invitees from five to 11, including five ministers from the BJP's allies — HD Kumaraswamy (JD-S), Jitan Ram Manjhi (HAM), Rajiv Ranjan Singh (JD-U), K R Naidu (TDP') and Chirag Paswan (LJP-Ram Villas).

(IJP-Ram Vilas).
Prime Minister Narendra
Modi remains the Chairperson
and economist Suman K Bery
will continue to be the Vice
Chairperson of NITI Aayog, according to the notification.

Scientist V K Sarasswat, agricultural economist Ramesh Chand, paediatrician V K Paul and macro-economist Arvind Virmani will also continue to be full-time members of the government think-tank. BVR Subrahmanyam will also remain the CEO.

Union Agriculture Minister Shivraj Singh Chauhan has replaced his predecessor Narendra Singh Tomar as an ex-officio member. The other ex-officio members include Finance Minister Nirmala Sitharaman, Home Minister Amit Shah and Defence Minister Amit Shah and Defence Minister Rajnath Singh.

Among the other special CONTINUED ON PAGE 2



Full time organisational framework:

- Vice Chairperson: Appointed by the PM, s/he enjoys the rank of a Cabinet Minister.
- Full-Time Members: Enjoys the rank of a Minister of State.
- Part-Time Members: Maximum 2.
- Ex-Officio Members: Maximum of 4 members of the Union Council of Minister to be nominated by the PM.
- Chief Executive Officer (CEO): Appointed by the PM for a fixed tenure, s/he enjoys the rank of Secretary to the Government of India.
- Special Invitees: These will be experts with relevant domain knowledge to be nominated by the PM.

Governing Council of NITI Aayog

- The council is the premier body tasked with evolving a shared vision of national priorities and strategies, with the active involvement of States.
- It presents a platform to discuss inter-sectoral, inter-departmental and federal issues to accelerate the implementation of the national development agenda

Composition of Governing Council:

- It is chaired by the PM and comprises Chief Ministers of all the States and UTs with legislatures and Lt Governors of other Union Territories.
- The council also comprises of Vice Chairman, NITI Aayog; Full-Time Members, NITI Aayog; and Special Invitees.

Performance of NITI:

- As an action Tank: By collecting fresh and new ideas and sharing them with the government at the Central
 and State level, it ensures that there is no inactivity in any organisation or institution.
- o Improving innovation: A commendable work has been done by the Atal Innovation Mission (established under NITI Aayog), which has helped in improving the innovation ecosystem in India.
- o Bringing greater responsibility in the system: Development Monitoring and Evaluation Office (DMEO) has been established by the NITI Aayog, which collects performance data of various Ministries on a real-time basis.
 - These data are then used at the highest policy-making levels to improve performance and establish accountability.
- Some important initiatives of NITI Aayog: Some of the initiatives like Ayushman Bharat, water conservation
 measures, approach towards artificial intelligence, have been conceptualised in NITI Aayog and respective
 Ministries are taking them forward.
 - POSHAAN ABHIYAAN by NITI Aayog is cutting across the silos within the government and helping in reducing malnourished children in India.

NITI Aayog: Promoting Federalism

Cooperative Federalism

- NITI has provided a platform for direct issue-based interaction between States and Central Ministries thereby helping quick resolution of outstanding issues.
- The **NITI Forum for North East** has been constituted and tangible sectoral proposals are being implemented by the States in partnership with the North East council.
- NITI has designed some major initiatives for island development which are being implemented under the overall guidance of the Ministry of Home Affairs.
- It is also envisaged that like the NITI Forum for the North East, other regional councils of contiguous States could be formed.
 - The first step has been taken by forming the **Himalayan States Regional Council** and forming a **coalition of all thirteen central universities in these states**.

o Competitive Federalism

- It promotes competitive federalism principally through pushing its sectoral indices which are put out in the public domain.
 - The indices on water, education, health, innovation, export preparedness, and Sustainable Development Goals (SDGs) have attracted significant positive attention.

- It has also introduced a competition element in 'Aspirational Districts Program' by focusing on governance improvement on the ground.
 - These districts have shown significant improvement in indicators pertaining to health and nutrition, education etc.
- Besides, several best practices in governance have emerged from these districts which are now being scaled up and replicated at the block level in some states.

Reconstitution of NITI Aayog

- About
 - The government reconstituted the NITI Aayog, expanding the number of special invitees from five to eleven.
 - This new group of special invitees includes five ministers from the BJP's allied parties.

Key post holders

- Prime Minister Narendra Modi remains the Chairperson and economist Suman K Bery will continue to be the Vice Chairperson of NITI Aayog.
- Scientist V K Saraswat, agricultural economist Ramesh Chand, paediatrician V K Paul and macroeconomist Arvind Virmani will also continue to be full-time members of the government think-tank.
- BVR Subrahmanyam will also remain the CEO.
- The four ex-officio members will be:
 - Union Ministers Rajnath Singh (Defence), Amit Shah (Home), Shivraj Singh Chouhan (Agriculture) and Nirmala Sitharaman (Finance).

3. What constitutes a Money Bill GS 2 (Legislature)

Why in news:

The Supreme Court has agreed to consider petitions challenging the government's use of the "Money Bill route" to pass contentious legislation in Parliament.

Key issue will be back in SC: What constitutes a Money Bill?

The issue of which Bills can be designated as Money Bills was referred to a seven-judge Bench in November 2019 by a five-judge

Bench led by then CJI Ranjan Gogoi in the case of Rojer Mathew vs South Indian Bank Ltd.

In October 2023, CJI Chandrachud announced that the seven-judge Bench would be established soon.

Money Bill

- Article 110 defines a money Bill as one containing provisions dealing with taxes, regulation of the government's borrowing of money, and expenditure or receipt of money from the Consolidated Fund of India, among others.
- Article 109 delineates the procedure for the passage of such a Bill and confers an overriding authority on the Lok Sabha in the passage of money Bills.
 - Under Article 109, a Money Bill shall be introduced only in Lok Sabha and, upon passage, transmitted to Rajya Sabha for its recommendations.
 - Rajya Sabha must revert within 14 days, but it is up to Lok Sabha to accept or reject any or all of its recommendations. If the Bill is not returned b
- o The Speaker certifies a Bill as a Money Bill, and the Speaker's decision is final.
 - Under Article 110(3), If any question arises whether a Bill is a Money Bill or not, the decision of the Speaker of the House of the People thereon shall be final.
- Over the last seven years, the government has introduced multiple legislations through the money Bill route, the most notable of which are the **Aadhaar Act, 2016**, and the Finance Act, 2017.

Difference between money Bills and financial Bills

- While all Money Bills are Financial Bills, all Financial Bills are not Money Bills.
 - E.g., the Finance Bill which only contains provisions related to tax proposals would be a Money Bill.
 - However, a Bill that contains some provisions related to taxation or expenditure, but also covers other matters would be considered as a Financial Bill.
 - The Compensatory Afforestation Fund Bill, 2015, which establishes funds under the Public Account of India and states, was introduced as a Financial Bill.
 - The procedure for the passage of the two bills varies significantly.

The Rajya Sabha has no power to reject or amend a Money Bill.

- After being passed by the Lok Sabha, money Bills are sent to the Rajya Sabha for its recommendations.
- Within 14 days, the Upper House must submit the Bill back to the Lower House with its non-binding recommendations.
- If the Lok Sabha rejects the recommendations, the Bill is deemed to have passed by both Houses in the form in which it was passed by the Lok Sabha without the recommendations of the Rajya Sabha.
- Even if the Rajya Sabha doesn't respond with its recommendations within 14 days, the same consequences would follow.
- However, a Financial Bill must be passed by both Houses of Parliament.
- While an ordinary Bill can originate in either house, a money Bill can only be introduced in the Lok Sabha, as laid down in Article 117 (1).
- Additionally, no one can introduce or move money Bills in the Lok Sabha, except on the President's recommendation.
- Amendments relating to the reduction or abolition of any tax are exempt from the requirement of the President's recommendation.
- The two prerequisites for any financial Bill to become a money Bill are that
 - It must only be introduced in the Lok Sabha and not the Rajya Sabha.
 - These bills can only be introduced on the President's recommendation.

Important bill passed using money bill route

- Money Bills offer a fast-track route to enact legislation because they do not require passage in Rajya Sabha.
- Several important laws have been passed by this route in recent years, circumventing the Upper House.
- These include: amendments to the Prevention of Money Laundering Act, 2002, (PMLA) and the Foreign Contributions Regulations Act, 2010, (FCRA) as well as the Aadhaar Act, 2016 etc.

What constitutes a Money Bill: The important cases in SC

Challenge to Aadhaar Act

- In September 2018, the Supreme Court upheld the constitutionality of the Aadhaar Act by a 4-1 majority.
- Petitioners argued it was improperly passed as a Money Bill, including unrelated provisions. Justice Ashok Bhushan supported the majority, stating the Act's primary aim was to provide subsidies and benefits, justifying its passage as a Money Bill.
- Justice D.Y. Chandrachud dissented, calling it an abuse of the constitutional process, which undermines the Rajya Sabha's role in lawmaking.

o Finance Act, 2017

- The Finance Act, 2017, amended various laws and allowed the government to set rules for Tribunal members' service conditions.
- Petitioners argued it should be struck down for including unrelated provisions.
- In November 2019, a five-judge Bench invalidated the Tribunal Rules for infringing on judicial independence but referred the Money Bill issue to a larger seven-judge Bench.
- The court noted the Aadhaar case did not clearly define a valid Money Bill.

o Since 2019

- The court has avoided addressing the Money Bill issue in several cases due to the pending sevenjudge Bench review.
- These cases include challenges to the Enforcement Directorate's wide powers under the PMLA (Finance Act, 2018) and the Centre's Electoral Bond scheme, both facilitated through the Money Bill

4. Chandipura Virus Infection GS 2 (Health)

Why in News: Recently, the Gujarat government said that six children have died of suspected Chandipura virus (CHPV) infection in the state since July 10.

About Chandipura Virus Infection:

- It is a virus of the Rhabdoviridae family, which also includes other members such as the lyssavirus that causes rabies.
 - Several species of sandflies like Phlebotomine sandflies and Phlebotomus papatasi, and some mosquito species such as Aedes aegypti(which is also the vector for dengue) are considered vectors of CHPV.
- The virus resides in the salivary gland of these insects, and can be transmitted to humans or other vertebrates like domestic animals through bites.
- The infection caused by the virus can then reach the central nervous system which can lead to encephalitis — inflammation of the active tissues of the brain.
- Disease progression can be as rapid as a patient reporting high fever in the morning, and their kidneys or liver being affected by the evening.

Symptoms

- The CHPV infection presents initially with flu-like symptoms such as acute onset of fever, body ache and headache.
- It may then progress to altered sensorium or seizures and encephalitis.
- Respiratory distress, bleeding tendencies, or anaemia.
- The infection often progresses rapidly after encephalitis, which may then lead to mortality within 24-48 hours of hospitalization.
- This infection has largely remained limited to children below 15 years.
- Treatment: The infection can only be symptomatically managed as currently there is no specific antiretroviral therapy or vaccine available for treatment.
- Affected regions in India
 - The CHPV infection was first isolated in 1965 while investigating a dengue/chikungunya outbreak in Maharashtra.
 - However, one of the most significant outbreaks of the disease in India was seen in 2003-04 in states such as Maharashtra, northern Gujarat and Andhra Pradesh.
 - The infection has largely remained endemic to the central part of India, where the population of CHPV infection-spreading sandflies and mosquitoes is higher.

CHILDREN DEATHS IN GUJARAT: WHAT IS THE CHANDIPURA VIRUS INFECTION?

SOHINI GHOSH

THE GUJARAT government on Monday said that six children have died of sus-pected Chandipura virus (CHPV) infection in the state since July 10. A total of 12 sus-pected cases have been reported so far.

pected cases have been reported so far.

What is CHPV infection?
CHPV is a virus of the Rhabdoviridae family, which also includes other members such as the Psavarrus that causes rabies. Several sandflys spectes (right) like explications and some mosquito species such as Arelas explicit (which is also the vector for dengue) are considered vectors of CHPV. The virus resides in the salivary gland of these insects, and can be transmitted to humans or other vertebrates like domestic animals through betes. The infection caused by the virus can reach the central nervous system which can cause exceptabilitis— inflammation of the active tissues of the brain.

What are the symptoms of CHPV

What are the symptoms of CHPV infection?

The CHPV infection presents initially with flu-like symptoms such as acute on-set of fever, body ache, and headache. It may then progress to altered sensorium or seizures and encephalitis.

Retrospective studies from India have also reported other symptoms such as respiratory distress, bleeding tendencies, or anaemia.

me infection often progresses rapidly after encephalitis, which may then lead to death within 24-48 hours, according to studies. Susceptibility has largely re-mained limited to children below the age of 15 years.

How can the infection be managed?
The infection can only be symptomatically managed. Currently there is no vaccine or specific antiretroviral therapy available for treatment. As a result, it is crucial to manage brain inflammation to



a patient reporting high fever in the morning, and their kidneys or liver being affected by the evening. This makes it harder to manage the symptoms.

Mich are the worst affected regions? The CHPV infection was first identified in 1965 while investigating a dengue; chikungungo outbreak in Maharashtra. However, one of the most significant outbreaks of the disease in India was seen in 2004 and in the control of the control of

Has the disease pattern changed over the years?
There are changes in patterns being reported – both in the disease manifes-tation and the vector – according to Dr Sandipkumar Trivedi, former executive board member of the Indian Association of Paediatrics.
"Sandfiles usually do not fly at a height of more than three feet from the ground

of more than three feet from the ground but this time during surveillance, sandflies have been found on terraces and higher heights. Additionally, of the six suspected deaths so far, two presented with brain haemorrhages, which is new. We are also seeing new outbreak centres, such as in Gujarat's tribal areas of Pavagadh Khedbrahma, and Godhra," Dr Trivedi said

5. Analysing the Progress of Quantum Technology in India GS 3 (Science and Tech)

Why in News:

- o In 2023, India launched the National Quantum Mission and became one of the few countries in the world to have a dedicated programme to harness the power of quantum technologies.
- Dut India is far behind China and the US despite having a fairly strong research base in quantum science.

What is Quantum Technology?

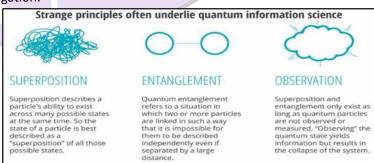
- It is a class of technology (developed in the early 20th century) that works by using the principles of quantum mechanics - the physics of subatomic particles, including quantum entanglement and quantum superposition.
- Hence, it is based on phenomena exhibited by microscopic particles (like photons, electrons, atoms, etc) which are quite distinct from the way normal macroscopic objects behave.
- As behaviour of these microscopic particles can't be described by Classical Physics (based on Newtonian Mechanics), consequently Quantum Mechanics came into picture.
- The principles behind quantum technology:
- Applications: In more reliable navigation and timing systems, more secure communications, more accurate healthcare imaging through quantum sensing (perform a
 - measurement of a physical quantity), more powerful computing (quantum computer), etc.
- Progress in India: India is currently at the forefront of tapping the quantum revolution through massive investments in the field. The Union Budget 2020-21 proposed to spend
 - ₹8,000 crore on the newly launched National Mission on Quantum Technologies and Applications (NMQTA) and
 - ₹3660 Crore for National Mission on Interdisciplinary Cyber Physical Systems (NM-ICPS).

What is the Indian Government's National Quantum Mission (NQM)?

- o NQM will be led by the Department of Science and Technology (DST) for strengthening India's R&D in the quantum arena, and focuses on four key domains: computing, communications, sensors, and materials.
- o It will target **developing intermediate scale quantum computers** with 50-1000 physical qubits in eight years in various platforms like superconducting and photonic technology.
- Other objectives of the mission:
 - Satellite based secure quantum communications over a range of 2000 km within India and with other countries.
 - Develop magnetometers with high sensitivity in atomic systems and Atomic Clocks for precision timing, communications and navigation.
 - It will also support design and synthesis of quantum materials such as superconductors, novel semiconductor structures and topological materials for fabrication of quantum devices
- o Four 'Thematic Hubs' (T-Hubs) will be set up in top academic and national

 R&D institutes in the domains of quantum computing, communication, sensing and metrology.

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- The hubs will focus on **generation of new knowledge** through basic and applied research as well as promote R&D.
- The Mission will have wide-scale applications ranging from healthcare and diagnostics, defence, energy and data security.
- Analysing the Progress of Quantum Technology in India:
 - India lagging behind other nations:
 - A new report has found that countries like China and the US have a huge head start in quantum technologies over India.
 - Not only have these nations invested significantly more funds to research, they have a larger number of professionals in this field, have been publishing more scientific papers, and have registered many more patents.
 - India still remains in competition:
 - Indian scientists are at the forefront of research into quantum communications and quantum sensing.
 - Even in areas such as computing and materials, the gap is not such that it cannot be bridged.
 - Outside the European Union, India had the largest number of graduate students in disciplines (biochemistry, electronics, statistics, ICT, etc) aligned to quantum technologies.
 - There were more than 82,000 such students enrolled, which is more than in China or the US.

Way ahead for India:

- In a decade or two, a quantum-enabled transition can lay the groundwork for a new economy by surpassing the limitations of existing technology. This is why India wants to rapidly build its capabilities in these areas.
- Partnering in technology development would ensure early success, leading to swift economic progress and access to cutting-edge technologies for India.
- The NQM needs to identify and promote young talent, helping to raise a separate cadre of quantum scientists.
- O Conclusion: There is much ground to cover, and the NQM is only the first step. But the good thing is that India is not exactly starting from zero.

6. PM SHRI (PM Schools for Rising India) Scheme GS 2 (Governance)

- Why in News: After Punjab, West Bengal, and Delhi refused participation in the PM-SHRI scheme, the Education Ministry has stopped funds to the three states under the Centre's flagship Samagra Shiksha Abhiyan (SSA).
- About PM SHRI Scheme:
 - It is a centrally sponsored scheme by the Government of India.
 - Its objective is to establish over
 14,500 PM SHRI Schools, overseen
 by the Central
 Government, State/UT
 Governments, local bodies, as well
 as Kendriya Vidyalaya

PM SHRI, the 'showcase' schools scheme that Centre is pushing in states



Sangathan (KVS) and Navodaya Vidyalaya Samiti (NVS).

- These schools aim to create an inclusive and welcoming atmosphere for every student, ensuring their well-being and providing a secure and enriching learning environment.
- The goal is to offer a diverse range of learning experiences and ensure access to **good physical infrastructure and appropriate resources** for all students.
- The overarching purpose of PM SHRI School is to nurture students in a manner that transforms them into engaged, productive and contributing citizens.
- This aligns with the vision of the National Education Policy 2020, striving to build a society characterized by equity, inclusivity and pluralism.

Features of PM SHRI Schools:

- These schools will not only focus on enhancing cognitive development but also creating holistic and well-rounded individuals equipped with key 21st-century skills.
- The pedagogy adopted in these schools will be more experiential, holistic, integrated, play/toy-based (particularly in the foundational years), inquiry-driven, discovery-oriented, learner-centred, discussion-based, flexible, and enjoyable.
- The schools will be upgraded with labs, libraries, and art rooms. They will be developed as green schools with water conservation, waste recycling, energy-efficient infrastructure, and integration of the organic lifestyle as part of the curriculum.
- The focus will be on the learning outcomes of every child in every grade.
- Assessment at all levels will be based on conceptual understanding and application of knowledge to real-life situations and will be competency-based.
- A School Quality Assessment Framework (SQAF) is being developed, specifying the key performance indicators to measure outcomes. A quality evaluation of these schools at regular intervals will be undertaken to ensure the desired standards.
- The duration of the scheme is from 2022-23 to 2026-27, after which it shall be the responsibility of the States/UTs to continue to maintain the benchmarks achieved by these schools.
- The total cost of the project will be Rs 27360 crore spread over a period of 5 years, which includes the central share of Rs 18128 crore.
- The selection of PM SHRI schools will be done through Challenge Mode, wherein schools compete for support to become exemplar schools.



MCQ Current Affairs 17th July, 2024

1. What is the primary goal of the ASMITA project, recently seen in the news?

- a) To digitize educational content for online learning
- b) To enhance infrastructure in rural schools
- c) To promote and integrate Indian languages into the education system
- d) To promote sustainable agriculture practices

2. Tizu River, recently seen in the news, flows through which one of the following states?

- a) Meghalaya
- b) Uttarakhand
- c) Sikkim
- d) Nagaland

3. With reference to the PM SHRI (PM Schools for Rising India) Scheme, consider the following statements:

- A. It is a centrally sponsored scheme by the Government of India.
- B. PM SHRI Schools will be overseen by the Central Government, State/UT Governments, local bodies, as well as Kendriya Vidyalaya Sangathan (KVS) and Navodaya Vidyalaya Samiti (NVS).
- C. The selection of PM SHRI schools will be done through Challenge Mode, wherein schools compete for support to become exemplar schools.

How many of the statements given above are correct?

- a) One only
- b) Two only
- c) All three
- d) None

4. Consider the following statements with reference to the Chandipura virus (CHPV) infection:

- A. It can be transmitted through sand flies and mosquito species.
- B. This infection has largely remained limited to children below 15 years.

Which of the statements given above is/are correct?

- a) A only
- b) Bonly
- c) A and B
- d) Neither of two

5. Consider the following statements with reference to the Halwa ceremony:

- A. It is a tradition performed every year to celebrate a successful budget presentation.
- B. It involves members of the finance ministry who are involved in the preparation of the budget.

Which of the statements given above is/are correct?

- a) A only
- b) B only
- c) A and B
- d) Neither of two

Answers Current Affairs 17th July, 2024

- 1. c
- 2. d

