

1. Who is the winner of the 2021 International Booker Prize?

- A) David Diop
- B) Douglas Stuart
- C) Margaret Atwood
- D) Bernardine Evaristo



- ✓ David Diop has become the first French writer to win the International Booker Prize, as he was selected for the prestigious award in 2021. His second novel, *At Night All Blood is Black*, was translated by the US author and poet Anna Moschovakis.

2. Experimental Advanced Superconducting Tokamak (EAST) is a Scientific Experiment being undertaken by which country?

- A) India
- B) Japan
- C) USA
- D) China



- ✓ China's Experimental Advanced Superconducting Tokamak (EAST) has set a new record in the latest experiment. The experiment achieved a plasma temperature of 216 million Fahrenheit for 101 seconds.
- ✓ The scientists working on the "Artificial sun" project also achieved 288 million Fahrenheit for 20 secs. The Tokamak device has been designed to reproduce the nuclear fusion process, natural to the Sun and stars.

3. Which decade has been declared as the UN Decade on Ecosystem Restoration?

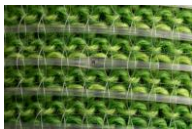
- A) 2001–2010
- B) 2011–2020
- C) 2021–2030
- D) 2031–2040



- ✓ The UN Decade on Ecosystem Restoration 2021–2030 was launched recently by the UN Environment Programme (UNEP) and the Food and Agriculture Organization of the UN (FAO).
- ✓ The organisations also launched a report titled '#Generation Restoration: Ecosystem restoration for People, Nature and Climate', to mark the launch of the decade. The report urges the countries to restore at least 1 billion degraded hectares of land in the next decade.

4. Which global institution launched the 'Programmable Digital Fiber'?

- A) MIT
- B) Google
- C) Microsoft
- D) IBM



- ✓ Researchers from the Massachusetts Institute of Technology (MIT) has developed a first-of-its kind 'Programmable Digital Fiber'.
- ✓ This digital fiber contains memory, temperature sensors, and a neural network program to infer physical activity. It was created by placing hundreds of square silicon microscale digital chips into a preform, which was then used to create a polymer fiber.

5. What is the main objective of the 'Chip-off technique', that has been developed recently?

- A) Data Retrieval
- B) Gold Mining
- C) Cryptocurrency Mining
- D) Biogas production



- ✓ The Scientists at Central Forensic Science Laboratory (CFSL), Hyderabad have developed an indigenous Chip-off technique.
- ✓ The main objective of the technique is to retrieve encrypted data from locked and severely damaged smartphones. This would benefit investigative agencies to produce credible evidences against criminals.

6. SAGE (Senior-care Aging Growth Engine) is the initiative of which Union Ministry?

- A) Ministry of Women and Child Development
- B) Ministry of Social Justice and Empowerment
- C) Ministry of Law and Justice
- D) Ministry of Minority Affairs



- ✓ Minister of Social Justice and Empowerment, Thaawarchand Gehlot virtually launched the SAGE (Senior-care Aging Growth Engine) initiative. He also launched the SAGE portal, which can be accessed by the elderly persons for elderly care products and services by select start-ups. The start-ups will be selected on the basis of innovative products and services.

7. AmB, is the nano-fibre-based tablets, developed by IIT-H, for curing which disease?

- A) Kala Azar
- B) Malaria
- C) Dengue
- D) Japanese Encephalitis



- ✓ Researchers from the Indian Institute of Technology (IIT), Hyderabad has developed nano-fibre based oral tablets of Amphotericin B, called as AmB. This was the first-ever attempt to fabricate nanofibrous oral tablets of Amphotericin B for curing Kala Azar. As Kala-Azar treatment is being currently used as a treatment for Mucormycosis, this can be used to treat fungal infections post COVID treatment.

8. After the RBI's monetary policy committee meeting held in June 2021, the Repo rate is fixed at?

- A) 3.75 %
- B) 4.00 %
- C) 4.25 %
- D) 4.50 %

4.00 %

- ✓ The Reserve Bank of India's (RBI's) six-member monetary policy committee, headed by Governor Shaktikanta Das, kept the benchmark interest rate unchanged. The repo rate will continue at 4.00% and reverse repo rate at 3.35%. With this, the repo rate has remained unchanged for a sixth consecutive time. The decision has been taken amid coronavirus uncertainty and fears over inflation.

9. Which institution organises the World Sustainable Development Summit?

- A) IEA
- B) World Bank
- C) TERI
- D) NITI Aayog



- ✓ The World Sustainable Development Summit is the annual flagship event of the Energy and Resources Institute. The WSDS 2021 is being held under the umbrella theme of 'Redefining Our Common Future: Safe and Secure Environment for All'.

- ✓ Environment, Forest and Climate Change Minister Prakash Javadekar addressed the summit on the occasion of the World Environment Day.

10. Which organisation releases the Food Price Index, to track the international prices of a basket of food commodities?

- A) FAO
- B) World Bank
- C) IMF
- D) ILO



- ✓ The UN Food and Agriculture Organization's (FAO) food price index is a measure of the monthly change in international prices of a basket of food commodities including cereals, oilseeds, dairy products, meat and sugar.
- ✓ According to the recent index, food prices in May were 4.8% higher than April. This is registered as the biggest monthly rise since October 2010. The prices were also 39.7% higher than this time last year, May 2020.