



# EXCEL CIVILS ACADEMY

## DAILY CURRENT AFFAIRS

Date: 05-02-2021

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### EXPLANATION

1. Ans) (d)

Explanation:

Stardust 1.0 was launched from Loring Commerce Centre in Maine, US. It has become the first commercial space launch powered by biofuel, which is non-toxic for the environment as opposed to traditionally used rocket fuels. Stardust 1.0 is a launch vehicle suited for student and budget payloads.

2. Ans) (a)

Explanation:

The Moyar river is one of the tributaries of the Bhavani in Tamil Nadu. The Moyar river originates from a small town called Moyar off the Masinagudi–Ooty road. This is a natural line of separation between the state of Karnataka and Tamil Nadu and a separation between the forest of Bandipur National Park and the Mudumalai sanctuary to the south.

3. Ans) (d)

Explanation:

Viral diseases:

Rabies

Plague

Influenza

Foot and Mouth disease

Pox

Anthrax is a bacterial disease.

4. Ans) (b)

Explanation:

Pradhan Mantri Matri Vandana Yojana (PMMVY) is a maternity benefit program run by the government of India. It was introduced in 2017 and is implemented by the Ministry of Women and Child Development. It is a conditional cash transfer scheme for pregnant and lactating women of 19 years of age or above for the first live birth. It provides a partial wage compensation to women for wage-loss during childbirth and childcare and to provide conditions for safe delivery and good nutrition and feeding practices. In 2013, the scheme was brought under the National Food Security Act, 2013 to implement the

provision of cash maternity benefit of ₹6,000 (US\$84) stated in the Act.

5. Ans) (c)

Explanation:

Recently, ICC convicted Ugandan rebel commander for war crimes. It is an intergovernmental organization and international tribunal that sits in The Hague in the Netherlands. The ICC has the jurisdiction to prosecute individuals for the international crimes of genocide, crimes against humanity, and war crimes. The ICC began functioning on 1 July 2002, the date that the Rome Statute entered into force. The Rome Statute is a multilateral treaty which serves as the ICC's foundational and governing document. States which become party to the Rome Statute, for example by ratifying it, become member states of the ICC. India – Non-state party, non-signatory

6. Ans) (c)

Explanation:

The Inaugural ceremony for Aero India 2021, is being held at Air Force Station, Yelahanka, Bengaluru. It is Asia's largest Aerospace and Defence Exhibition. Aero India is a biennial air show and aviation exhibition held in Bengaluru, India at the Yelahanka Air Force Station. It is organized by the Defence Exhibition Organisation, Ministry of Defence. The first edition of the air show was held in 1996. Aero India 2021 is the 13th edition of Aero India. This year Aero India 2021 has been organized in hybrid mode with a concurrent virtual exhibition to encourage maximum participation.

7. Ans) (c)

Explanation:

The year-long Birth Centenary celebrations of the doyen of music Pandit Bhimsen Joshi will begin on February 4, 2021. Pandit Bhimsen Gururaj Joshi (1922 –2011) was an Indian vocalist from Karnataka, in the Hindustani classical tradition. He is known for the khayal form of singing, as well as for his popular renditions of devotional music (bhajans and abhangs). Bhimsen Joshi belongs to the Kirana Gharana tradition of Hindustani Classical Music. In 1998, he was awarded the Sangeet Natak Akademi Fellowship, the highest honor conferred by Sangeet Natak Akademi. He received the Bharat Ratna in 2009.

8. Ans) (c)

Explanation:

Preliminary surveys on surface and limited subsurface by Atomic Minerals Directorate for Exploration and Research (AMD) have shown presence of Lithium resources of 1,600 tonnes in the pegmatites of Marlagalla – Allapatna area, Mandya district, Karnataka. About Lithium:

It is a soft, silvery-white metal. Under standard conditions, it is the lightest metal and the lightest solid element. It is highly reactive and flammable, and must be stored in mineral oil. It is an alkali metal and a rare metal. Key Characteristics and Properties:

It has the highest specific heat capacity of any solid element.

Lithium's single valence electron allows it to be a good conductor of electricity.

It is flammable and can even explode when exposed to air and water.

9. Ans) (a)

Explanation:

Government has been promoting use of ethanol as a blend stock with main automotive fuel like petrol in line with the National Policy on Biofuels (NBP) -2018 under the Ethanol Blended Petrol (EBP) Programme. This policy envisages an indicative target of blending 20% ethanol in petrol by 2030.

Ethanol:

Ethanol can be produced from sugarcane, maize, wheat, etc which are having high starch content. In India, ethanol is mainly produced from sugarcane molasses by fermentation process. Ethanol can be mixed with gasoline to form different blends. As the ethanol molecule contains oxygen, it allows the engine to more completely combust the fuel, resulting in fewer emissions and thereby reducing the occurrence of environmental pollution. Since ethanol is produced from plants that harness the power of the sun, ethanol is also considered as renewable fuel.

10. Ans) (d)

Explanation:

Recently, workshop was held on 'techno-management options to control Orobanche in mustard'.

It is a hidden parasitic weed in mustard causing severe yield loss to the extent of up to 50%. Also called broomrapes, they are aggressive root parasitic weeds which attack strategic food crops, such as legumes and vegetables, and threaten the livelihood of many nations. There are no absolute control measures developed for it.