

Answers

1) D

Augmented Reality (AR) is an enhanced version of the real physical world that is achieved through the use of digital visual elements, sound, or other sensory stimuli delivered via technology.

Almost any person with a smart phone can get access to AR, making it more efficient than VR as a branding and gaming tool.

Virtual Reality (VR) produces an entirely computer-generated simulation of an alternate world.

These immersive simulations can create almost any visual or place imaginable for the player using special equipment such as computers, sensors, headsets, and gloves.

Merged Reality or Mixed Reality is when the real and virtual world are merged and objects from both can interact. For example, Intel's Project Alloy uses mixed reality to allow people to use their real hands in the virtual world.

Before this point, users had to hold controllers that represented their hands.

2) B

3) D

Foundation for Environment Education (FEE) in Denmark which accords the globally recognized eco-label – “Blue Flag” certification has accorded the Blue Flag Certification for 2 new beaches this year –Kovalam in Tamil Nadu and Eden in Puducherry beaches. With this, India now has 10 Blue Flag beaches

Blue Flag Certification

Society of Integrated Coastal Management (SICOM) in its pursuit of Sustainable Development of the coastal regions of India embarked upon a highly acclaimed & flagship program “BEAMS” (Beach Environment & Aesthetics Management Services).

This was aimed at striving for the coveted International eco-label “Blue flag”, accorded by The Foundation of Environment Education, FEE Denmark.

Beach Environment & Aesthetics Management Services (BEAMS)

This program promotes beach tourism and recreation in absolute harmony with nature

The objective of the BEAMS program is

- to abate pollution in coastal waters & beaches
- to promote sustainable development of beach amenities/ facilities
- to protect & conserve coastal ecosystems & natural resources
- to encourage local authorities & stakeholders to strive and maintain high standards of cleanliness, hygiene, safety and security for beachgoers in accordance with coastal environment norms & regulations

4) C

Shankhalipi or “shell-script” is a term used by scholars to describe ornate spiral characters assumed to be Brahmi derivatives that look like conch shells or shankhas.

They are found in inscriptions across north-central India and date to between the 4th and 8th centuries. A similar inscription was found on the back of a stone horse sculpture from that period that is at present in the State Museum at Lucknow.

5) A

Recently, the Ministry of Railways launched Rail Kaushal Vikas Yojana (RKVY) under Pradhan Mantri Kaushal Vikas Yojana (PMKVY). This is a skill development programme, where training will be provided to youth with a special focus on jobs that are relevant to the Railways.

Candidates who are 10th passed and between 18-35 years shall be eligible to apply. Participants in the scheme shall however have no claim to seek employment in Railways on the basis of this training.

6) B

The Ministry of Law and Justice in association with the National Legal Service Authority (NALSA) has launched the “Ek Pahal” Campaign.

Ek Pahal Campaign aims to mainstream legal aid and to actualize the aspiration of access to justice for every citizen. Under the campaign, people will be encouraged to register under the Tele-Law Initiative.

7) C

Global Innovation Index 2021

- World Intellectual Property Organization (WIPO) has released the Global Innovation Index (GII) 2021.
- India has climbed 2 spots and has been ranked 46th. India's rank has been consistently rising in the last few years from 81 (2015) to 46 (2021).
- The GI ranks 131 countries and economies based on their innovation capabilities, including roughly 80 indicators, grouped into innovation inputs and outputs.

8) A

The Blue Flag is one of the world's most recognised voluntary eco-labels awarded to beaches, marinas, and sustainable boating tourism operators.

Recently, Indian Kovalam beach in Tamil Nadu and Eden in Puducherry got the Blue Flag certification. With this there are total 10 Blue flag certified beach In India

9) D

10) D

The PLI Scheme for Drones

- Budget - The total amount allocated for the PLI scheme for drones and drone components is INR 120 crore spread over three financial years.
- This amount is nearly double the combined turnover of all domestic drone manufacturers in FY 2020-21.
- Incentives - The incentive for a manufacturer of drones and drone components shall be as high as 20% of the value addition made by her.
- Exceptions - The Government has agreed to keep the PLI rate constant at 20% for all three years, an exceptional treatment given only to the drone industry.
- In PLI schemes for other sectors, the PLI rate reduces every year.
- The Government has agreed to fix the minimum value addition norm at 40% of net sales for drones and drone components instead of 50%, another exceptional treatment given to the drone industry.
- This will allow widening the number of beneficiaries.
- Eligibility - The Government has kept the eligibility norm for MSME and startups in terms of annual sales turnover at a nominal level - INR 2 cr (for drones) and INR 50 lakhs (for drone components). This will allow widening the number of beneficiaries.
- Eligibility norm for non-MSME companies in terms of annual sales turnover has been kept at INR 4 crore (for drones) and INR 1 crore (for drone components).
- Coverage - The Government has agreed to widen the coverage of the incentive scheme to include developers of drone-related IT products also.

11) B

12) C

The Union Cabinet has recently approved a 30,600 crore rupees backstop facility for guaranteeing securities to be issued by the National Asset Reconstruction Company Ltd. (NARCL).

NARCL is the bad bank of India that is being set up to help aggregate and consolidate lenders' non-performing assets (NPAs) or bad loans.

Bad Banks

- Technically, a bad bank is an asset reconstruction company (ARC) or an asset management company that takes over the bad loans of commercial banks, manages them and finally recovers the money over a period of time.
- The bad bank is not involved in lending and taking deposits.
- It just helps commercial banks clean up their balance sheets and resolve bad loans.
- The takeover of bad loans is normally below the book value of the loan and the bad bank tries to recover as much as possible subsequently.
- US-based Mellon Bank created the first bad bank in 1988.

13) C

Recently, the Indian Coast Guard (ICG) has seized two tonnes of sea cucumber, a banned marine species, in the Gulf of Mannar and Palk Bay areas in Tamil Nadu. Sea cucumbers are marine invertebrates that live on the seafloor found generally in tropical regions.

They are an integral part of the coral ecosystem. They act like garbage collectors of the ocean world, and they recycle nutrients, thus playing an important role in keeping coral reefs in good condition.

In 2020, the Lakshadweep Islands administration created the world's first conservation area for sea cucumbers. Sea cucumber in India is treated as an endangered species listed under schedule I of Wildlife Protection Act of 1972.

14) C

National Single Window System is a one-stop digital platform that aims at allowing investors to apply for various pre-operations approvals required for commencing a business in the

country. The system aims to make the business registration process easier, allowing the beneficiary to get significant approvals online, without having to run to the government offices for approvals and can avail themselves of services with just a click.

15) A

These are the Nutri-gardens which aim to provide a fresh supply of fruits, vegetables and even medicinal plants. Nutri-gardens represent a global best practice that has the potential to address the multiple goals of diet diversity, nutrition security, agri-food cultivation, local livelihood generation and environmental sustainability

It is launched by Ministry of Women and Child Development.

