**Current Affairs Set 7**

**Q1:** A recent study stated that coral found at which place can provide new insights on Indian Monsoon?

1. North Indian Monsoon
2. South Indian Monsoon
3. South West Indian Monsoon
4. North Eastern Indian Monsoon

**Answer:** A

**Solution:**

A recent study stated that corals found in North Indian Ocean can provide new insights on Indian Monsoon. Bands growing on coral surface reveal about paleoclimatic conditions, rainfall, Ambient water temperatures and similar aspects from the past. Coral reefs are large underwater structures composed of the skeletons of colonial marine invertebrates called corals. Major coral reef formations in India are found in Gulf of Mannar, Palk Bay, Gulf of Kutch, Andaman and Nicobar islands and Lakshadweep islands.

**Q2:** Where is the satellite data pointed to alarming deforestation rates which threaten Hornbills?

1. Kanha reserve forest
2. Papum reserve forest
3. Gir national forest
4. Periyar reserve forest

**Answer:** B

**Solution:**

Forest loss in Papum reserve forest (PRF) threatens Hornbills. PRF is a nesting habitat of three species of Hornbill which are Great, Wreathed and Oriental Pied. PRF is located between Itanagar wildlife century in east and Pakka wildlife century in west in Arunachal Pradesh. Hornbills are referred to as ‘Forest engineers’ or ‘Farmers of forest’ for playing a key role in dispersing seeds of tropical trees.

**Q3:** CSIR is working on developing Mega labs where NGS machine used for detecting Covid-19 virus. What is the full form of NGS?

1. National generation sequencing Machine
2. Next generation sequencing Machine
3. Next generation solar Machine
4. National generate step Machine

**Answer:** B

**Solution:**

Council of scientific and industrial research is working on developing ‘Mega labs’ where NGS machines will be used for detecting SARS-COV2 novel coronavirus. NGS is a DNA sequencing technology which can sequence entire Human genome in a single day. NGS machine can trace the evolutionary history of the virus and track mutations more reliably.

**Q4:** Which organization has asked Urban cooperative banks to implement system based assets classification?

1. NABARD
2. CRISIL
3. RBI
4. SEBI

**Answer:** C

**Solution:**

SBAC means Asset Classification (downgrading as well as upgrading) carried out by the computerized systems of the bank in an automated manner on an ongoing basis. It is aimed at improving efficiency, Transparency and integrity of the asset classification process. Recent banking regulation (amendment) ordinance 2020, gave RBI greater regulatory powers over UCBs.

**Q5:** Which country struggles to contain massive oil spill from damaged ship?

1. Indonesia
2. Thailand
3. Malaysia
4. Mauritius

**Answer:** D

**Solution:**

Mauritius has declared a state of environmental emergency after a grounded ship off its coast is said to be leaking tons of crude oil. Oil is one of the most abundant pollutants in the oceans. Annually approx. 3 million metric tons of oils contaminates the oceans. Skimmers or oil scoops can be deployed onto boats to remove the contaminants from the water surface.

**Q6:** Indian government and Leaders of which state have signed an accord at the end of the six year agitation against illegal migration?

1. Arunachal Pradesh
2. Tripura
3. Assam
4. Meghalaya

**Answer:** C

**Solution:**

Ministry of home affairs committee signed an accord on clause 6 of Assam. The accord was signed between Indian government and leaders of Assam movement at the end of six years of agitation (1979-85) against illegal migration into Assam. Clause 6 of accord states that “constitutional, legislative and administrative safeguards shall be provided to protect, preserve and promote the cultural, social and linguistic identity and heritage of the Assamese people.

**Q7:** What is the name massive sunspot group observed by images of NASA’s solar dynamic observatory?

1. AR2780
2. AR2770
3. AR2120
4. AR2744

**Answer:** B

**Solution:**

A massive sunspot group AR2770 was observed by images of NASA’s solar dynamics observatory. A sunspot is an area on the sun that appears dark on the surface as they are relatively cooler than surrounding parts. Sunspots form due to strong magnetic field lines coming up from within the sun. Most sunspots appear in groups that have their own magnetic field.

**Q8:** What is the name of the project under which 90 heron drones of the three defence services would be upgraded?

1. Project Lion
2. Project Cheetah
3. Project Seema
4. Project Sugam

**Answer:** B

**Solution:**

Under the project Cheetah, around 90 heron drones of the three defence services would be upgrade to be armed with laser guided bombs, air to ground and air launched anti-tank guided missiles. Heron is a medium altitude long endurance unmanned air vehicle system primarily designed to perform strategic reconnaissance and survelliance operations.

**Q9:** Recently which country Milne Ice Shelf has lost more than 40% of its ice in last two days?

1. Japan
2. Australia
3. Canada
4. Indonesia

**Answer:** C

**Solution:**

Milne ice shelf in Canada has lost more than 40% of its ice in last 2 days. Iceshelves are permanent floating sheets of ice that connect as a landmass, however they can also form wherever ice flows from land into cold oceans waters. It has increased fears of the arctic region being under severe stress due to global warming.

**Q10:** Which ministry has launched Swachh Bharat mission under which open defecation free plus programme initiated?

1. Ministry of Jal Shakti
2. Ministry for rejuvenation of ganga water
3. Ministry of human resource and development
4. Ministry of housing affairs

**Answer:** A

**Solution:**

The mission is launched by Ministry of Jal Shakti. It is an interactive voice response based training course with modules on open defecation free plus programme. ODF plus is an extension of the ODF programme under the swacch Bharat mission. Its objective is to sustain the ODF programme and to take up Solid and Liquid waste Management.

**Q11:** Recently which number of edition of student entrepreneurship programme was launched by NITI Aayog Atal Innovative mission?

1. Third Edition
2. Fifth edition
3. Second edition
4. First edition

**Answer:** C

**Solution:**

* Second edition of student entrepreneurship programme was launched by NITI Aayog’s Atal innovative mission in collaboration with dell technologies for young innovators of Atal tinkering labs. They will receive mentor support, prototyping and testing support, Intellectual property registration and patenting of ideas etc, from Dell volunteers.

**Q12:** Minister of MSME called upon AEPC to take measures for increasing exports two times. What is the full form of AEPC?

1. Apparel export promotion council
2. Apparel export promotion conference
3. Acquistion export private council
4. Apparel enterprise promotion council

**Answer:** A

**Solution:**

Minister of MSME called upon Apparel export promotion council to take measures for increasing exports two times. AEPC is the official body of apparel exporters in India that provides assistance to Indian exporters as well as importers/international buyers who choose India as their preferred sourcing destination for garments.

**Q13:** Where is Krishi Megh (National agricultural research & educational system- cloud infrastructure and services) setup?

1. Ahmedabad
2. Lucknow
3. Hyderabad
4. Delhi

**Answer:** C

**Solution:**

Krishi Megh (National agricultural research & educational system- cloud infrastructure and services) is aimed at protecting the precious data of the government’s premier research body Indian council of agricultural research (ICAR). Krishi Megh has been setup under the national Agricultural higher education project, funded bhy both government and World Bank. It has been setup at national academy of agricultural research management in Hyderabad.

**Q14:** Mount Sinabung Volcano erupted recently. Where it is located?

1. Indonesia
2. Papua new guinea
3. Japan
4. Malaysia

**Answer:** A

**Solution:**

The volcano is erupted recently. It is located on Sumatra island of Indonesia. Indonesia is home to about 130 active volcanoes due to its position on the ‘Ring of fire’. Ring of fire is a belt of tectonic plate boundaries circling the pacific ocean where frequent seismic activity occurs.

**Q15:** Where did scientists have found 77 new butterfly species?

1. Madhya Pradesh
2. Mumbai
3. Andhra Pradesh
4. Tamilnadu

**Answer:** B

**Solution:**

Scientists from Bombay natural history society have found 140 rare species of butterflies, including 77 new ones, in Matheran hill near Mumbai. BHNS is a wildlife research organization promoting the cause of natural conservation since 1883. It strives to conserve nature through action based research, education and public awareness.

**Q16:** Recently study from IIT Delhi has shown Multidrug bacteria in which river?

1. Yamuna
2. Ganga
3. Narmada
4. Bhagirathi

**Answer:** A

**Solution:**

Recent study by IIT delhi has shown that Yamuna harboured some of multidrug resistance bacteria that are listed as critical by WHO. In 2017, WHO published the first list of antibiotic resistant priority pathogens-bacteria that pose the greatest threat to human Health. It was found that sewage was the main source of their into water.

**Q17:** Which place geothermal spring has found a significant discharge of carbon di oxide rich water?

1. Panamik
2. Himalaya
3. Yumthang
4. Kheerganga

**Answer:** B

**Solution:**

A recent research has found that Himalayan geothermal springs, which cover about 10,000 square km in the Garhwal region of Himalaya shows a significant discharge of CO2 rich water. CO2 is sourced from metamorphic decarbonation of carbonate rocks present in Himalayan core along with magmatism and oxidation of graphite. Famous hot spring in India are- Panamik(Nubra valley), Kheer ganga(Kullu), Yumthang (Sikkim).

**Q18:** India and which country Centre for innovative multidisciplinary partnership to accelerate community transformation and sustainability (IC-Impacts)?

1. Australia
2. Russia
3. France
4. Canada

**Answer:** D

**Solution:**

It is a Canada-India research center of excellence and aims to solve challenges facing both nations related to water, health, and infrastructure. Department of science and technology has been working with IC-IMPACT green buildings and smart cities, occupants survivability in buildings during fires, integrated water management & safe and sustainable infrastructure.

**Q19:** Where is the Assembly of the largest ever Thermonuclear fusion reactor ITER begin?

1. Australia
2. France
3. China
4. Canada

**Answer:** B

**Solution:**

International thermonuclear experimental reactor (ITER), situated in France, is an experimental Tokamak nuclear fusion reactor. Tokamak is a magnetic fusion device designed to prove the feasibility of fusion as a large-scale and carbon-free source of energy based on the same principle that powers sun and stars. ITER members include China, EU, India, Japan, South korea, Russia and US.

**Q20:** Which ministry has launched an online dashboard for National Infrastructure Pipeline (NIP)?

1. Ministry of Finance
2. Ministry of commerce
3. Ministry of Petroleum
4. Ministry of Mines

**Answer:** A

**Solution:**

NIP is a first of its kind initiative to provide world class infrastructure across the country and improve the quality of life for all citizens. It covers both economic and social infrastructure projects. Finance minister launches an online dashboard for NIP which envisage as a one stop solution for all stakeholders looking for information of infrastructure projects in India.

**Q21:** Where is first online Lok-Adalat has organized?

1. Puducherry
2. Delhi
3. Haryana
4. Madhya Pradesh

**Answer:** B

**Solution:**

First ever online Lok-Adalat was organized by Delhi state legal services Authority (DSLSA) as a creative solution of justice delivery during covid-19. Madhya Pradesh, Chattisgarh and Karnataka have also successfully held e-Lok Adalats. It has been given statutory status under the legal services authorities act,1987.

**Q22:** Which city has topped in the swachh survekshan league 2020?

1. Indore
2. Ranchi
3. Lucknow
4. Delhi

**Answer:** A

**Solution:**

Ministry of housing and urban affairs announced the result of first and second quarter of SS league 2020. Indore and Jamshedpur have topped the ranking for two consecutive quarters among cities with over 10 lakh population and with 1-10 lakh population respectively.

**Q23:** Which ministry has launched eSanjeevani a web based comprehensive telemedicine solution?

1. Ministry of Tribal Affairs
2. Ministry of Housing and Urban Affairs
3. Ministry of Human Resource Development
4. Ministry of health and family welfare

**Answer:** D

**Solution:**

Esanjeevani is a web-based comprehensive telemedicine solution which extends the reach of specialized health care services to masses in both rural areas and isolated communities. It has enabled two types of telemedicine service like Doctor-to-doctor and Patient-to-doctor Tele-consultations. It aims to make health care services equitable by bridging the digital divide that exists between the urban vs Rural rich vs poor etc.

**Q24:** The cybercrime awareness campaign ‘E-Raksha Bandhan’ was launched by which among the following states?

1. Andhra Pradesh
2. Madhya Pradesh
3. Uttar Pradesh
4. Maharashtra

**Answer:** A

**Solution:**

The Andhra Pradesh government has launched an innovative virtual cybercrime awareness program named as ‘E-Raksha Bandhan’. The main objective of the initiative is to create awareness among the general public regarding cybercrimes across the state. The campaign has been organized by the Crime Investigation Department, FM Radio, Cyber Crime Prevention against Women and Children, Cyber Peace Foundation and other organizations.

**Q25:** Which state has launched a scheme for the social security of the tendu leaf collectors in the state?

1. Chhattisgarh
2. Jharkhand
3. Bihar
4. Uttarakhand

**Answer:** A

**Solution:**

Chhattisgarh government has launched a social security scheme ‘Shaheed Mahendra Karma Tendupatta Sangrahak Samajik Suraksha Yojana’ for tendu leave collectors in the state. These leaves are mainly used to make bidis in the state and these are mainly collected by the forest dwellers of the state. The leaves are purchased by the state government from the tribals.