

1. From India the Intangible Cultural Heritages added into UNESCO's list include
 1. Yoga
 2. Ayurveda
 3. Chhau dance
 4. Nawrouz
 Choose the correct option:
 a) 3 & 4 b) 1,3,4 c) All d) None
2. Consider the following statements :
 1. In principle, scientists can define a kilogram, or any other weight, in terms of the amount of electricity needed to counteract the weight.
 2. The prototype of one kilogram (NPK-57) is not available in India.
 Choose the correct option:
 a) Only 1 b) Only 2 c) Both d) None
3. Consider the following statements:
 1. Bharti Airtel has introduced Voice over Wi-Fi (VoWiFi), a first for India.
 2. Only limitation is that, Wi-Fi Calling is aimed especially for areas where cellular networks are not strong
 Choose the correct option:
 a) Only 1 b) Only 2 c) Both 1 and 2 d) None of the above
4. Consider the following statements :
 1. India Skills Report 2019-20 is released by NITI Aayog
 2. Availability of employable talent has improved over the past six years.
 Choose correct option:
 a) Only 1 b) Only 2 c) Both 1 and 2 d) None
5. Consider the following statements :
 1. OSIRIS Rex mission will be first to collect samples from an asteroid and return to Earth.
 2. Bennu is a carbonaceous asteroid found in Kuiper belt
 Choose the correct option:
 a) Only 1 b) Only 2 c) Both d) None
6. Consider the following statements:
 1. Rheumatoid arthritis is a disease caused by protozoa
 2. The team of researchers from the Central Drug Research Institute (CSIRCDRI) have found that the protein FhHDM-1, prevented the joint bone from being destroyed
 3. The Central Drug Research Institute is a multidisciplinary research laboratory in Kanpur, India
 Choose the correct option:
 a) Only 2 b) 2 and 3 c) Only 3 d) All
7. Consider the following statements :
 1. The latest edition of Climate Change Performance Index (CCPI) was recently presented at the climate summit in Madrid.
 2. India, at rank 9, joins the top ten countries.
 Choose the correct option:
 a) Only 1 b) Only 2 c) Both 1 and 2 d) None of the above
8. Consider the following statements :
 1. The Ghaggar-Hakra River is an intermittent, endorheic river.
 2. Most sites of the Mature Harappan Civilisation (2600-1900 BCE) are actually found along the (dried-out) bed of the Ghaggar-Hakra
 Choose correct option:
 a) Only 1 b) Only 2 c) Both 1 and 2 d) None of the above
9. Consider the following statements :
 1. Acinetobacter baumannii is a soil bacterium
 2. A. baumannii has also been identified as an ESKAPE pathogen
 Choose the correct option:
 a) Only 1 b) Only 2 c) Both 1 and 2 d) None of the above

10. Consider the following statements :

1. CITES (the Convention on International Trade in Endangered Species) of Wild Fauna and Flora is also known as the Washington Consensus
2. Roughly 5,000 species of animals and 29,000 species of plants are protected by CITES against over-exploitation through international trade.

Choose the correct option:

- a) Only 1 b) Only 2 c) Both d) None

11. Consider the following statements regarding Alliance of Small Island States (AOSIS) :

1. Alliance of Small Island States (AOSIS) is an intergovernmental organization of low-lying coastal and small island countries.
2. The main purpose of the alliance is to consolidate the voices of Small Island Developing States (SIDS) to address global warming.
3. AOSIS partners with United Nations Development Programme (UNDP) to effectively influence climate negotiations.

Which of the above statements is/are correct?

- a) 1, 2 b) 1, 3 c) 2, 3 d) 1, 2, 3

12. Which of the following statement is correct regarding Sustainable Alternative Towards Affordable Transportation (SATAT) initiative :

- a) Sub component under FAME India Phase II for promotion of Electric Mobility in the country.
- b) Dedicated lanes for buses in urban areas for improving the reliability of public transport services.
- c) Setting up of Compressed Bio-Gas production plants and make it available for use in automotive fuels.
- d) None of the above

13. Name the first multilateral bloc to declare climate emergency is

- a) ASEAN b) BIMSTEC
c) European Union (EU) d) G20 Members

14. Consider the following statements about Asia-Pacific awards for cultural heritage conservation.

1. It is awarded by UNESCO.
2. It recognises the efforts taken to restore and conserve historical structures without affecting their heritage value.
3. New Delhi has won most recognitions in India since the inception of the awards.

Which of the above statements is/are correct?

- a) 1, 3 b) 2, 3 c) 1, 2 d) 1, 2, 3

15. Consider the following statements regarding Carbon offsetting :

1. Carbon offsetting allows a country to help reach its own emissions reduction targets by funding emission reductions in another country.
2. The United Nation's Clean Development Mechanism (CDM) set up under the 1997 Kyoto Protocol is first major Carbon offsetting scheme.
3. Carbon offsets can be bought by individuals, companies or countries.

Which of the above statements is/are correct?

- a) 1, 2 b) 1, 3 c) 2, 3 d) 1, 2, 3

16. In sync with the Government's commitment for 'Ease of doing business', the Ministry of Coal has decided to simplify the process of clearance for Coal Mining Projects.

Which of the following statements regarding the same stands true?

- 1) The Ministry of Coal has re-engineered the Mining Plan preparation and approval process. This is likely to slash the approval period substantially from existing 120 days to about 90 days.
- 2) The proposed simplified guidelines and format not only reduce the mining plan formulation time but also make the document lighter and easier to comprehend. This will further facilitate hosting the soft copy in an accessible data base.
- 3) To ensure the quality of preparation of Mining Plan, Government approved accrediting body will accredit agency(s) consisting a team of multi-disciplinary background, which will be recognised for preparation of mining plan and for certification.

Choose the correct option:

- a) 1 & 2 only b) 2 & 3 only c) 1 & 3 only d) All of the above
17. Which of the following includes the recommendations given by the High Level Committee (HLC) to the Supreme Court to control air pollution in Delhi and NCR?
- 1) The committee recommended the use of photocatalytic paints, which can remove pollutants from the air in the presence of sunlight and ultraviolet (UV) rays.
 - 2) It recommends use of Anti-smog gun is a device that sprays nebulised water droplets into the air through high pressure propellers, which help particles to settle down.
 - 3) The HLC has also suggested that a pilot project of "smog tower" could be employed.
 - 4) HLC also recommended using of wireless sensors and laser methods for monitoring pollution.
- Choose the correct option:
- a) 1 & 2 only b) 2 & 4 only c) All of the above d) 1 & 3 only
18. The Supreme Court has said that states would have to set up two designated courts in districts where the number of pending cases of child abuse under the Protection of Children from Sexual Offences (POCSO) Act is more than 300.
- Which of the following statements regarding the provisions of the POCSO act stands true ?
- 1) Under the Act, a person is guilty of using a child for pornographic purposes if he uses a child in any form of media for the purpose of sexual gratification. The Act also penalises persons who use children for pornographic purposes resulting in sexual assault.
 - 2) The Bill adds two more offences to definition of aggravated sexual assault. These include: (i) assault committed during natural calamity and (ii) administering or help in administering any chemical substance or any hormone to child for the purpose of attaining early sexual maturity.
 - 3) The POCSO amendment act 2018 provides for establishment of fast track courts for conducting trials of rape and murder cases with respect to children as well.
- Choose the correct option:
- a) 1 & 2 only b) 2 & 3 only c) 1 & 3 only d) All of the above
19. Which of the following statements regarding the recently adopted European Green Deal (climate neutrality plan) by the European union stands true ?
- 1) The Climate Neutrality Plan by the European Union is a key commitment under 2015 Paris Agreement on Climate Change. It is a 100 billion Euro plan for net zero greenhouse gas emissions by 2030.
 - 2) Climate Neutrality means emissions will have no impact on climate. It also includes warming effects that do not come from carbon.
 - 3) The plan is important as the EU bloc that comprises of 28 countries is the third largest economic bloc after China and US in contributions to climate change.
- Choose the correct option:
- a) 1 & 2 only b) 2 & 3 only c) 1 & 3 only d) All of the above
20. "White Island volcano" is a stratovolcano, a classic cone-shaped volcano, like Stromboli in the Mediterranean, Mount St. Helens in Washington and Vesuvius, brooding above Naples, Italy. These volcanoes form along the tectonic boundaries where the Earth's oceanic plates are forced down below continental plates.
- The white island volcano which erupted recently is part of which of the following countries?
- a) United States b) Alaska c) New Zealand d) Peru

ANSWER KEYS

01 b 02 a 03 c 04 b 05 a 06 a 07 c 08 c 09 b 10 b
 11 d 12 c 13 c 14 c 15 d 16 b 17 c 18 a 19 b 20 c