

1. Recently in news, Sycamore is a
  - (a) Spacecraft
  - (b) Space telescope
  - (c) An algorithm for Quantum mechanics
  - (d) A Quantum Processor
2. Consider the following statements :
  1. The James Webb Space Telescope (JWST or "Webb") is a space telescope that is planned to be the successor to the Hubble Space Telescope .
  2. The JWST is being developed by NASA—with significant contributions from the European Space Agency and the Canadian Space Agency—and is named for James E. Webb, who was the administrator of NASA from 1961 to 1968 and played an integral role in the Apollo program.
 Choose the correct option :
  - (a) Only 1
  - (b) Only 2
  - (c) Both 1 and 2
  - (d) None of the above
3. Consider the following statements :
  1. Commission for the Conservation of Antarctic Marine Living Resources, and CCAMLR, is part of the Antarctic Treaty System.
  2. India is not a member .
 Choose correct
  - (a) Only 1
  - (b) Only 2
  - (c) Both 1 and 2
  - (d) None of the above
4. Consider the following statements :
  1. The Snow leopard (*Panthera uncia*) , also known as the ounce, is a large cat native to the mountain ranges of Central and South Asia.
  2. It is listed as Vulnerable on the IUCN Red List because the global population is estimated to number less than 10,000 mature individuals and is expected to decline about 10% by 2040.
 Choose the correct option :
  - (a) Only 1
  - (b) Only 2
  - (c) Both 1 and 2
  - (d) None of the above
5. Consider the following statements :
  1. The World Bank released its latest Doing Business Report (DBR, 2020) .
  2. India has recorded a jump of 14 positions against its rank of 77 in 2019 to be placed now at 63<sup>rd</sup> rank among 190 countries assessed by the World Bank.
 Choose the correct option :
  - (a) Only 1
  - (b) Only 2
  - (c) Both 1 and 2
  - (d) None of the above

6. Consider the following statements :
1. The 19th Summit of Heads of State and Government of the Non Aligned Movement (NAM) is going to be held at Baku, Uzbekistan.
  2. Bandung process was related with its establishment
- Choose correct
- (a) Only 1
  - (b) Only 2
  - (c) Both 1 and 2
  - (d) None of the above
7. The International Conference on Neurological Disorders and Therapeutics (ICNDT) was held in which state?
- (a) Gujarat
  - (b) Andhra Pradesh
  - (c) New Delhi
  - (d) West Bengal
8. Head on Generation (HOG) technology, recently seen in news is related to
- (a) Pollution control
  - (b) Lithium-Ion Batteries
  - (c) Railways
  - (d) Artificial Intelligence
9. Consider the following statements regarding a separate state flag :
1. Supreme Court has said that there is no prohibition in the Constitution for the State to have its own flag.
  2. Under the Constitution, a flag is enumerated in the concurrent list.
  3. The Flag Code of India, 2002 does not impose prohibitions on a State flag.
- Which of the above statements is/are correct?
- (a) 1, 2
  - (b) 1 only
  - (c) 1, 3
  - (d) 2, 3
10. Diwan-i-Khairat, established by Firoz Shah Tughlaq is
- (a) Department of slave
  - (b) Rest house for merchants
  - (c) Hospitals for travellers
  - (d) Office for charity
11. Consider the following statements about PRAGATI (Pro-Active Governance And Timely Implementation) platform.
1. It is a multi-modal platform that is aimed at addressing common man's grievances.
  2. The PRAGATI platform uses video-conferencing and geo-spatial technology.
  3. It is a three-tier system which consists of PMO, Union Government Secretaries, and Chief Secretaries of the States.
- Which of the above statements is/are correct?
- (a) 1, 2
  - (b) 2, 3
  - (c) 1, 3
  - (d) 1, 2, 3
12. Consider the following statements regarding Participatory Guarantee Scheme (PGS) :
1. PGS is a process of certifying organic products, which ensures that their production takes place in accordance with laid-down quality standards.

2. PGS is locally focused quality assurance systems and involves the participation of producers and consumers.

Which of the above statements is/are correct?

- (a) 1 only  
 (b) 2 only  
 (c) Both 1 and 2  
 (d) None of the above
13. India had recently test fired two Brahmos missiles from “Trak islands”, the island is a part of which of the following island groups ?
- (a) Lakshadweep islands  
 (b) Indonesia  
 (c) Andaman & Nicobar islands  
 (d) New Moore islands
14. “Hunar Haat” has become a “credible brand” to fulfil Prime Minister’s commitment to “Make in India”, “Stand up India” and “Start up India”.

Which of the following statements regarding the scheme stands true ?

1. The employment oriented programmes of the Government like “Hunar Haat” has significantly encouraged and promoted the rich traditional heritage of master artisans which had been marginalised for a long time.  
 2. The scheme aims to establish Hunar Hub in all the states where programs like Hunar Haat and other cultural events are to be organized.  
 3. It is organised under the USTAAD scheme by the Ministry of Skill Development and Entrepreneurship.

Choose the correct option :

- (a) 1 & 2 only  
 (b) 2 & 3 only  
 (c) 1 & 3 only  
 (d) All of the above
15. Consider the following statements :
1. Cyber security is a shared responsibility. While IT teams must be proactive in their response to cyber threats, knowledgeable employees and leadership teams pave the way for organisations to better detect, protect and respond.  
 2. According to global cyber security studies, main triggers for security updates -- beyond changes to overall security posture are technology and product developments, compliance and regulation requirements, and growing awareness of new attacks.  
 3. More than 70% per cent of Indian organisations regularly make significant changes to their cyber security approach, and 88 per cent intend to make changes to security approach in the next 6-24 months.
- Which of the above statements are true ?
- (a) 1 & 2 only                      (b) 2 & 3 only  
 (c) 1 & 3 only                      (d) All of the above
16. Arrange the following processes in carbon cycle in the correct order of their occurrence in nature :
1. Respiration  
 2. Release of Carbon dioxide

3. Fossil fuel formation
  4. Photosynthesis
- Choose the correct option :
- (a) 1234                      (b) 2134
  - (c) 4123                      (d) 4231
17. Researchers have developed a new catalyst that can help turn carbon dioxide from car exhaust pipes and other sources into fuels like natural gas or propane.
- Which of the following statements regarding the same stands true ?
1. While not a climate cure-all, the advance could significantly reduce the near-term impact on global warming.
  2. Previous efforts to convert CO<sub>2</sub> to fuel involved a two-step process. The first step reduces CO<sub>2</sub> to carbon monoxide, then the second combines the CO with hydrogen to make hydrocarbon fuels.
  3. The simplest of these fuels is methane, but other fuels that can be produced include ethane, propane and butane.
- Choose the correct option :
- (a) 1 & 2 only                      (b) 2 & 3 only
  - (c) 1 & 3 only                      (d) All of the above
18. From the following statements:
1. It is the prerogative of the States to define their own criteria and define tracts of land as a forest which is known as 'deemed forests'
  2. Forests defined under these criteria constituted about 10% of the country's forests
- Choose the correct option :
- (a) Only 1                      (b) Only 2
  - (c) Both 1 and 2                      (d) None of the above
19. From the following statements :
1. Prime Minister's Economic Advisory Council is a non constitutional , non-permanent and independent body .
  2. It is chaired by finance secretary for 5 years
- Choose the correct option :
- (a) Only 1                      (b) Only 2
  - (c) Both 1 and 2                      (d) None of the above
20. Consider the following statements :
1. Each member of the IMF is assigned a Quota, based broadly on its relative position in the world economy.
  2. India's quota is 2.76%
- Choose the correct option :
- (a) Only 1                      (b) Only 2
  - (c) Both 1 and 2                      (d) None of the above

### **ANSWER KEYS**

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