

CSE PRELIMS 2020

TEST-XII (CURRENT AFFAIRS-I)

1. Consider the following statements:

1. **Innovate in India (i3)** is a program of the Department of Biotechnology (DBT) in collaboration with the World Bank.
2. It will be implemented by Biotechnology Industry Research Assistance Council (BIRAC).
3. It aims to promote entrepreneurship and indigenous manufacturing in the biopharmaceutical sector.

Select the correct answer using the codes below.

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

Ans: d

- This Mission aspires to **create an enabling ecosystem to promote entrepreneurship and indigenous manufacturing in the sector.**
- It will specifically focus on the development of new vaccines, bio-therapeutics, diagnostics and medical devices to better address the rising burden of diseases in the country. It will also bring isolated Centres of excellence together, enhance regional capabilities and strengthen the current bio-clusters network in terms of capacities as well as quantity and quality of output

2. With reference to Petya malware, consider the following statements:

1. It targets Microsoft Windows-based systems.
2. It prevents Windows from shutting down.
3. It demands that the user make a payment in Bitcoin in order to regain access to the system.

Which of the statements given above is/are correct?

- a) 1 only b) 1 and 2 only
c) 1 and 3 only d) All

Ans: c

- It prevents Windows from booting. Unlike Winery, Peaty does not encrypt individual files, but overwrites the master boot record and encrypts the master file table, thus rendering the system inoperable until the ransom has been paid.

- The fund was established in July 2006, in order to support the activities of the Committee of Experts on International Cooperation in Tax Matters.
- It now seeks voluntary contributions, in order to support the activities of the Committee's active **Subcommittees**.
- The call for contributions was also emphasized in the **Addis Ababa Action Agenda** adopted at the **Third International Conference on Financing for Development in 2015**.
- The UN Tax Committee is a subsidiary body of the UN Economic and Social Council (ESOSOC).
- The Tax Fund contribution is one of the many voluntary donations India makes to the UN in addition to the mandated contribution, which totalled \$34.28 million in 2016.

6. **The Asteroid Impact and Deflection Assessment (AIDA) Mission involves which of the following space agencies?**

1. NASA
2. ISRO
3. The European Space Agency (ESA).

Select the correct answer using the code below.

- | | |
|-----------------|-----------------|
| a) 1 and 2 only | b) 2 and 3 only |
| c) 1 and 3 only | d) 1, 2 and 3 |

Ans: c

- The **Asteroid Impact and Deflection Assessment (AIDA)** mission concept is an international collaboration among the **European Space Agency (ESA)**, **NASA**, **Observatoires de la Côte d'Azur (OCA)**, and the Johns Hopkins University Applied Physics Laboratory (JHU/APL).
- It will be the first demonstration of the kinetic impact technique to change the motion of an asteroid in space.
- AIDA is a science-driven test of one of the technologies for preventing the Earth impact of a hazardous asteroid: the *kinetic impactor*.
- Its primary objective is to demonstrate, and to measure the effects of a kinetic impact on a small asteroid.

7. **Leadership in Energy and Environmental Design (LEED) programme is related to which of the following?**

- | | |
|-----------------------|----------------------|
| a) Green Building | b) Electric vehicles |
| c) Water conservation | d) Renewable energy |

Ans: a

- LEED programme is a rating system devised by the United States Green Building Council (USGBC) to evaluate the environmental performance of a building and encourage market transformation towards sustainable design.

- The system is credit-based, allowing projects to earn points for environmentally friendly actions taken during construction and use of a building.
- SIERRA ODC building in Coimbatore has been recognised as the world's second highest ranking Green Building, with a score of 103 out of 110 under LEED certification.

8. Consider the following matches:

Animal sport	State
1. Bulbul Fight	Assam
2. Bail Gadi Shariat	Maharashtra
3. Kambala	Karnataka
4. Jallikattu	Kerala

Which of the above is/are correctly matched?

- a) 1 and 4 only
 b) 3 and 4 only
 c) 1, 2 and 3 only
 d) 2, 3 and 4 only

Ans: c

- Jalrikattu - Tamil Nadu
- Kambala** is an annual **Buffalo** Race held traditionally under the sponsorship of local **Tuluva** landlords and households in the coastal district's of **Dakshina Kannada** and **Udupi** of **Karnataka** India which is termed under single region known as **Tulu Nadu**.
- In 2014, the Supreme Court of India ordered a ban on Kabala and Jalikattu.
- In July 2017, it was legalized by the the Prevention of Cruelty to Animals (Karnataka Amendment) Ordinance, 2017 which was referred to the President.

9. Consider the following matches:

Places	Location
1. Chumbi Valley	Sikkim
2. Siliguri	Assam
3. Doklam	Bhutan

Which of the above is/are **not** correctly matched?

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

Ans: a

- Chumbi valley is in China and siliguri is in West Bengal.
- Siliguri corridor a very strategic passage in this area. It is a narrow stretch of land, located in the Indian state of **West Bengal** and connects **India's north eastern states** to the rest of **India**. It is also known as **Chicken's Neck**.

10. With reference to the Van Mahotsav, consider the following statements:

1. It is a week-long festival.
2. It is celebrated in Madhya Pradesh only.
3. Its objective is to keep local people involved in plantation drives and spread environmental awareness.

Which of the statements given above is/are correct?

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

Ans: b

11. The Delhi Dialogue is a premier annual track 1.5 event to discuss politico-security, economic and socio-cultural engagement between India and which of the following?

- a) Association of Southeast Asian Nations (ASEAN).
- b) China.
- c) Pakistan.
- d) United States of America

Ans: a

12. Consider the following statements regarding parliamentary privileges given in section 105 of the Constitution of India:

1. It provides for freedom of speech of members of Parliament within the Parliament and of the Parliament as a whole.
2. It protects the members of Parliament from court proceedings in respect of anything said or any vote given by them in parliament.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Ans: c

- The Karnataka Legislative Assembly had found two journalists guilty of breach of its privilege (section 194 of the Constitution) and sentenced them to jail. This followed certain articles written by the journalists which were alleged to defame some legislators.
- This case once again raises the question of what should constitute privilege of the legislative bodies. Codification of legislative privileges is a pending issue and is highly debatable.

13. Which of the following viruses cause Avian Influenza?

- a) H1N1
- b) H1N5
- c) H5N1
- d) H5N6

Ans: c

- Humans can be infected with avian, swine and other zoonotic influenza viruses, such as avian influenza virus subtypes A(H5N1), A(H7N9), and A(H9N2) and swine influenza virus subtypes A(H1N1), A(H1N2) and A(H3N2).
- Human infections are primarily acquired through direct contact with infected animals or contaminated environments, these viruses have not acquired the ability of sustained transmission among humans.

14. With reference to the Mega Food Parks, consider the following statements:

1. It is based on cluster approach.
2. Only Union government and the State governments are financing the scheme.

Which of the statements given above is/are correct?

- | | |
|-----------------|--------------------|
| a) 1 only | b) 2 only |
| c) Both 1 and 2 | d) Neither 1 nor 2 |

Ans: a

15. Creative India; Innovative India is a scheme for which of the following?

- a) Promotion of Research in higher education.
- b) Strengthening of science education in government schools.
- c) Creating awareness about Intellectual Property Rights (IPR).
- d) Promoting entrepreneurship among the youths.

Ans: c

- A 'Scheme for IPR Awareness – Creative India; Innovative India' has been launched by Cell for IPR Promotion and Management (CIPAM) under the aegis of the Department of Industrial Policy and Promotion.
- It aims at raising IPR awareness amongst students, youth, authors, artists, budding inventors and professionals to inspire them to create, innovate and protect their creations and inventions across India including Tier 1, Tier 2, Tier 3 cities as well as rural areas in the next 3 years.

16. With reference to the Group of Twenty (G20), consider the following statements:

1. It consists of Governments and International NGOs from twenty countries and the International Monetary Fund (IMF) It aims to discuss policy pertaining to the promotion of international financial stability.
2. Collectively, the G20 economies account for around 85% of the gross world product (GWP).

Which of the statements given above is/are correct?

- | | |
|-----------------|-----------------|
| a) 1 only | b) 1 and 3 only |
| c) 2 and 3 only | d) 1, 2 and 3 |

Ans: c

- The **G20** (or **G-20** or **Group of Twenty**) is an international forum for the governments and central bank governors from Argentina, Australia, Brazil, Canada, China, France, Germany, India, Indonesia, Italy, Japan, Mexico, the Russian Federation, Saudi Arabia, South Africa, South Korea, Turkey, the United Kingdom, the United States, and the European Union.
- The two-day G-20 summit that took place in Germany's Hamburg city in July 2017, ended with the leaders proposing the **Hamburg Action Plan** to address major global challenges, including climate change, harnessing digitalisation, and to contribute to prosperity and well-being.

17. What is SWAYAM PRABHA that was in news in July 2017?

- A group of 32 DTH channels devoted to telecasting of high-quality educational programmes.
- A government scheme to promote Self Help Groups.
- A government scheme to promote entrepreneurship.
- An NGO working towards women Empowerment.

Ans: a

- It is a 24X7 basis platform and use the GSAT-15 satellite. Every day, there will be new content for at least (4) hours which would be repeated 5 more times in a day, allowing the students to choose the time of their convenience.
- The channels are uplinked from BISAG, Gandhinagar. The contents are provided by NPTEL, IITs, UGC, CEC, IGNOU, NCERT and NIOS. The INFLIBNET Centre maintains the web portal.

18. With reference to the World Petroleum Council (WPC), consider the following statements:

- It is a non-advocacy International NGO with charitable status in the Saudi Arabia.
- WPC conducts the triennial World Petroleum Congress.
- In 2017, the World Petroleum Congress was held in Istanbul, Turkey.

Which of the statements given above is/are correct?

- 1 only
- 1 and 3 only
- 2 and 3 only
- 1, 2 and 3

Ans: c

- The World Petroleum Council (WPC) is a non-advocacy, non-political organisation with charitable status in the U.K. and has accreditation as a Non-Governmental Organization (NGO) from the United Nations (UN).
- WPC has been called "the world's premier oil & gas forum since 1933." It is widely recognised to "include the most prestigious national oil and gas companies and agencies of the world"
- The triennial congress is known as the Olympics' of the oil and gas industry.

19. Gonorrhoea, is a sexually transmitted infection (STI) caused by which of the following?

- a) Virus
b) Bacteria
c) Fungus
d) Protozoa

Ans: b

- It is also called as the clap.
- It comes from a bacterium called *Neisseria gonorrhoeae*.
- Both men and women can get it, though men get it more often than women.
- The only sure way to keep from getting gonorrhoea is not to have sex or to have safe sex.
- Men symptoms - burning with urination, discharge from the penis, or testicular pain.
- Women symptoms - burning with urination, vaginal discharge, vaginal bleeding between periods, or pelvic pain.
- Antibiotic resistance is making gonorrhoea harder and sometimes even impossible to treat, according to a new warning from the World Health Organization (WHO). Therefore, a new drug may be urgently needed to treat the disease.

20. Which of the following organisations releases Global Cyber Security Index?

- a) United States Department of Homeland Security.
b) Symantec Corporation.
c) UN International Telecommunication Union (ITU).
d) NATO Cooperative Cyber Defence Centre of Excellence.

Ans: c

21. With reference to the Treaty on the Prohibition of Nuclear Weapons, consider the following statements:

1. It is the world's first legally-binding treaty prohibiting nuclear weapons.
2. It will enter into force 90 days after it has been ratified by at least 100 countries.

Which of the statements given above is/are correct?

- a) 1 only
b) 2 only
c) Both 1 and 2
d) Neither 1 nor 2

Ans: a

- The treaty was adopted by a vote of 122 in favour to one against (Netherlands), with one abstention (Singapore).
- It prohibits a full range of nuclear-weapon-related activities, such as undertaking to develop, test, produce, manufacture, acquire, possess or stockpile nuclear weapons or other nuclear explosive devices, as well as the use or threat of use of these weapons.

Favouring Countries	Opposing countries
<p>Leaders: Ireland, Austria, Brazil, Indonesia, Mexico, Nigeria, South Africa and Thailand.</p> <ul style="list-style-type: none"> All 54 nations of Africa (all but one of which have either signed or ratified the 1996 Treaty of Pelindaba). All 33 nations of Latin America and the Caribbean (already in a nuclear-weapon-free-zone under the 1967 Treaty of Tlatelolco). The 10 nations of the Association of Southeast Asian Nations (ASEAN), which concluded the Southeast Asian Nuclear-Weapon-Free Zone Treaty, except Singapore that abstained from voting. 	<p>Leaders :USA and Russia</p> <ul style="list-style-type: none"> No nuclear-armed nation has expressed support for a ban treaty. Many of the non-nuclear-armed members of the North Atlantic Treaty Organization (NATO), along with Australia and Japan, are also resistant to a ban treaty, as they believe that US nuclear weapons enhance their security.

22. Which of the following has been declared India's first World Heritage City?

- a) Old Delhi
- b) Bhubaneswar
- c) Varanasi
- d) Ahmedabad

Ans: d

- The 606-year-old walled city of Ahmedabad, which was founded by **Sultan Ahmed Shah**, has become **India's first World Heritage City**.
- The World Heritage Committee (WHC) of UNESCO announced this.
- The walled city of Ahmedabad on the eastern banks of Sabarmati river presents a rich architectural heritage from the sultanate period, notably the Bhadra citadel, the walls and gates of the Fort city and numerous mosques and tombs, as well as important Hindu and Jain temples of later periods," the WHC of UNESCO noted.
- The city's historic characteristics include densely-packed traditional houses ('pols') in gated traditional streets ('puras') with features such as bird feeders, public wells and religious institutions.

23. With reference to the Global Foreign Exchange Committee, consider the following statements:

- It is a forum that brings together central banks and private sector participants.
- It aims to promote a robust, fair, liquid, open, and appropriately transparent Foreign Exchange (FX) market at the global level.
- It was established in 2009.

Which of the statements given above is/are correct?

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

Ans: b

- It was established in May, 2017. The committee has been set up under the guidance of the Bank for International Settlements (BIS).

24. What is the Constitutional position in India regarding a separate flag being adopted by any of the State Governments?

- a) It is not mentioned in the constitution.
- b) The states can have a different state flag if the State Assembly passes a resolution for it.
- c) The President of India has discretionary powers to allow it.
- d) It can only be done after the Parliament passes a separate law in that regard.

Ans: a

- In July 2017, Karnataka Government constituted a committee to study and submit a report on the possibility of designing a separate flag for Karnataka and providing it a statutory standing.
- Former Advocate-General of Karnataka Ravivarma Kumar cited S.R. Bommai v/s Union of India (Supreme Court 1994) case. "In Bombay's case, the Supreme Court has declared that federalism is a basic feature of the Constitution and States are supreme in their sphere. This being the Constitutional position, there is no prohibition in the Constitution for the State to have its own flag. However, the manner in which the State flag is hoisted should not dishonour the national flag. It has to be always below the national flag. The national flag code specifically authorises use of other flags subject to the regulation by the court. So State flag is not unauthorised," he said.

25. With reference to the Government e-Marketplace, consider the following statements:

1. It is an on line facility for procurement of common use Goods & Services required by various Government Departments / Organizations / PSUs.
2. It may enhance transparency, efficiency and speed in public procurement.
3. It may also provide the tools of e-bidding and reverse e-auction.

Which of the statements given above is/are correct?

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

Ans: d

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