

ECONOMY, CA, SCIENCE & TECHNOLOGY

1. Which of the following would be considered as Foreign Direct Investment?
 - a) A Foreign merchant banker buying shares from Indian stock market
 - b) A Foreign company buying shares in stock exchanges in India
 - c) A Foreign country pension fund investing in Indian stock market
 - d) **A Foreign entity setting up an educational institution in India**
2. Core Inflation does not indicate a price rise in which of these commodities?
 1. IT products
 2. Food products
 3. Hydrocarbon fuel
 4. Consumer goodsSelect the correct answer code:
 - a) 1, 2 and 3 only
 - b) 1 and 4 only
 - c) **2 and 3 only**
 - d) 1, 3 and 4 only
3. Which of the following tools are used by the RBI to control Inflation?
 1. Bank rate
 2. Moral Suasion
 3. Liquidity Adjustment Facility
 4. Open Market OperationsSelect the correct answer code:
 - a) 1, 2 and 3 only
 - b) 1, 3 and 4 only
 - c) 1 and 2 only
 - d) **1, 2, 3, 4**
4. Consider the following statements.
 1. Decline in gold prices leads to decline in a country's foreign exchange reserves.
 2. If the value of the rupee depreciates, the RBI intervenes in the forex market by buying more dollars.Which of the above statements is/are correct?
 - a) **1 only**
 - b) 2 only
 - c) Both 1 and 2
 - d) Neither 1 nor 2
5. Consider the following statements regarding Small Savings Schemes (SSS).
 1. The Central Government operates Small Savings Schemes (SSS) through the network of post offices, Public-Sector Banks and select private sector banks.
 2. National Small Savings Fund (NSSF) was established within the Consolidated Fund of India for pooling the money from different SSSs.
 3. In the last 5 years the Central Government's reliance on Small Savings Schemes for financing its deficit has been decreasing.Which of the above statements is/are correct?
 - a) **1 only**
 - b) 1 and 2 only
 - c) 1 and 3 only
 - d) 2 and 3 only
6. Foreign Contribution Regulation Act (FCRA) prohibits the receipt of foreign funds by/for
 1. Candidates for general elections
 2. Media broadcast companies
 3. Government servants
 4. Cultural and Religious programmesSelect the correct answer code:
 - a) **1, 2 and 3 only**
 - b) 1, 3 and 4 only
 - c) 1 & 3 only
 - d) 1, 2, 3 & 4

7. Special Drawing Rights (SDR) can be used to
1. Supplement IMF member countries' official reserves.
 2. Settle Balance of Payment transactions
 3. Fund infrastructure projects
- Select the correct answer code:
- a) 1 and 3 only
 - b) 1 and 2 only**
 - c) 2 and 3 only
 - d) 1, 2 and 3
8. Which of the following forms the part of assets of any bank?
1. Loans
 2. Reserves
 3. Deposits
- Select the correct answer code:
- a) 1 only
 - b) 1 and 2 only**
 - c) 1, 2 and 3
 - d) 2 and 3 only
9. Consider the following statements.
1. An economy is said to have K-shaped recovery, when some sectors/ sections of the economy have registered a very fast recovery, while many are still struggling.
 2. At present, Private consumption expenditure in India accounts for less than 10 percent of overall GDP.
- Which of the above statements is/are incorrect?
- a) 1 only
 - b) 2 only**
 - c) Both 1 and 2
10. Consider the following statements.
1. The present GST structure has five tax rates.
 2. The cess on demerit and luxury items vary upto 96% of the tax rate applicable on those items.
 3. Almost 50% of the consumption items included in the consumer price index are exempted from GST.
- Which of the above statements is/are correct?
- a) 2 and 3 only**
 - b) 2 only
 - c) 1 and 2 only
 - d) 1 and 3 only
11. Consider the following statements regarding International Space Station (ISS).
1. It is a space station or a habitable artificial satellite in polar orbit.
 2. It serves as a microgravity and space environment research
 3. It is jointly owned by various space agencies
- Which of the above statements is/are correct?
- a) 1 and 3 only
 - b) 2 and 3 only**
 - c) 1, 2 and 3
 - d) 1 and 2
12. Consider the following statements regarding Active Pharmaceutical Ingredients (API)
1. It is the part of any drug that produces the intended effects.
 2. India is the leading producer of API in world.
- Which of the above statements is/are incorrect?
- a) 1 only
 - b) 2 only**
 - c) Both 1 and 2
 - d) Neither 1 nor 2
13. Consider the following statements regarding monkeypox.
1. Monkeypox is a zoonosis, that is, a disease that is transmitted from infected animals to humans.
 2. Monkeypox causes symptoms similar to smallpox.
 3. Like smallpox, monkeypox has been eradicated worldwide.

Which of the above statements is/are correct?

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

14. Consider the following statements.

- 1. Sagittarius A* is a supermassive black hole situated at the centre of the Milky Way.
- 2. A black hole is formed when stars collapse.
- 3. The light cannot go out of a Blackhole because the gravity inside a black hole is very strong.

Which of the above statements is/are correct?

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

15. Which of the following organs of the human body can be donated?

- 1. Heart
- 2. Liver
- 3. Cornea
- 4. Kidneys
- 5. Pancreas

Select the correct answer code:

- a) 1, 2, 3 & 5
- b) 1, 2, 4 & 5
- c) 1, 2 & 5
- d) 1, 2, 3, 4, 5**

16. Consider the following statements regarding Anthrax.

- 1. Anthrax, also known as woolsorter's disease is a zoonotic disease.
- 2. It is primarily a disease of herbivores, with both domestic and wild animals being affected by it.
- 3. Host animals shed the bacteria into the ground, which sporulates when exposed to the air.

Which of the above statements is/are correct?

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

17. Apollo 11 mission is related to

- a) Electrodynamics of Moon's Interaction with the Sun
- b) Explore the dark side of the Moon
- c) First manned mission to the Moon.**
- d) Collect data on the moon's radiation levels

18. Consider the following statements.

- 1. Asteroids are rocky objects much smaller than planets, that orbit the Sun.
- 2. Asteroids were formed after millions of years after the formation of planets and other objects in the solar system.
- 3. OSIRIS-Rex is European Space Agency's (ESA) first mission to return a sample from an asteroid.

Which of the above statements is/are incorrect?

- a) 1 & 2
- b) 1 only
- c) 1 & 3 only
- d) 2 & 3 only**

19. Supercomputing play an important role in which of the following fields?

- 1. Quantum mechanics
- 2. Weather forecasting
- 3. Genomics
- 4. Oil and gas exploration
- 5. Drug discovery

Select the correct answer code:

- a) 1, 2, 3, 4

- b) 2, 3, 4, 5
c) **1, 2, 3, 4, 5**
d) 1, 3, 4, 5
20. Consider the following statements regarding Polar Satellite Launch Vehicle (PSLV).
1. PSLV is the first Indian launch vehicle to be equipped with liquid stages.
 2. In the Polar Satellite Launch Vehicle (PSLV) system all the stages of the rocket fall back into the ocean and does not leave any space junk.
 3. Chandrayaan-1 and Mars Orbiter Spacecraft were launched using PSLV.
- Which of the above statements is/are correct?
- a) 3 only
b) 1 & 2
c) **1 and 3 only**
d) 1, 2 & 3
21. Consider the following statements regarding Jal Jeevan Mission.
1. It aims to provide piped drinking water to all rural households by 2024.
 2. Goa became the first state to provide 100% Functional Household Tap Connections (FHTCs) in the rural areas
 3. The Jal Shakti Ministry is the nodal ministry for the implementation of the scheme.
- Which of the statements given above is/are correct?
- a) 3 only
b) 1 and 2 only
c) 1 and 3 only
d) **1, 2 and 3**
22. 'SAMARTH' scheme is related to which of the following sector?
- a) Automobile
 - b) Textile
 - c) Transportation
 - d) **Information and technology**
23. "Dark patterns," also known as "deceptive patterns", recently seen in news, is related to which of the following sector/area?
- a) **Human physiology**
 - b) Cyber security
 - c) Astronomy
 - d) **Animal Migration**
24. Consider the following statements regarding INS Mormugao:
1. It is an indigenously built submarine.
 2. It was built under the Indian Navy Project 15B.
 3. It can carry BrahMos surface-to-surface missiles (SSM) as well as Barak-8 surface-to-air (SAM) missiles.
- Which of the above statements is/are correct?
- a) 1 only
b) 2 only
c) 1 & 3 only
d) **2 & 3 only**
25. India has signed Comprehensive Migration and Mobility Partnership Agreements (MMPA) with:
1. France
 2. UK
 3. Germany
 4. Finland
- Select the correct option using the code given below:
- a) 1 only
b) 2 & 3 only
c) 1 & 4 only
d) **1, 2, 3 & 4**