

ECONOMY, SC AND TECH, CA

1. K9-Vajra, sometimes seen in news, is a?
 - a) Nuclear submarine
 - b) Heavy-lift helicopters
 - c) Inter-Continental Ballistic Missile
 - d) Self-propelled artillery gun**
2. With reference to GDP Deflator, consider the following statements:
 1. GDP Deflator is the ratio of Nominal GDP to Real GDP.
 2. GDP Deflator is most accurate measure of inflationary tendencies in comparison to CPI and WPI.

Which of the statement/s given above is/are correct?

- a) 1 only
 - b) 2 only
 - c) Both 1 and 2**
 - d) Neither 1 nor 2
3. What is "Miyawaki", often seen in news?
 - a) Method to avoid train collision
 - b) Golden butterfly
 - c) Method of afforestation**
 - d) Zoonosis
 4. Dark fibre, often seen in the news, refers to which of the following?
 - a) Extra optical fibre to avoid cost repetition when more bandwidth is needed**
 - b) The indigestible parts of plant foods
 - c) Insoluble fibre found in wholegrain breads which absorbs water
 - d) Bandwidth used for operating dark net to avoid being traced
 5. ISRO's shukrayan mission, recently seen in news, is related to which of the following?
 - a) It is Venus orbiter mission**
 - b) It is a Mars lander mission.
 - c) It is a human mission to Moon.
 - d) It is a Jupiter orbiter mission.
 6. With reference to the process of Coal Gasification, consider the following statements:
 1. It is the process of converting coal into methane, ethane or butane.
 2. The end products may be used in the production of electricity.
 3. Expedition of the process could help reduce India's urea imports.

Which of the statements given above is/are correct?

- a) 1 and 2 only
 - b) 3 only
 - c) 2 and 3 only**
 - d) 1, 2 and 3
7. With reference to Tertiary activities, consider the following statements:
 1. Tertiary activities involve the commercial output of services rather than the production of tangible goods.
 2. In the initial stages of economic development, larger proportion of people worked in the tertiary sector.
 3. Tertiary activities are not directly involved in the processing of physical raw materials.

Which of the statements given above is/are correct?

- a) 2 only
 - b) 1 and 3 only**
 - c) 3 only
 - d) 2 and 3 only
8. Which of the following are natural preservatives of food?
 1. Pink Sea Salt
 2. Spicy Ingredients
 3. Lemon

Select the correct answer using the codes given below:

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

9. With reference to National Supercomputing Mission, consider the following statements:

1. It was launched during 10th Five Year Plan with aim to boost the country's overall computing facilities.
2. Centre for Development of Advanced Computing (C-DAC) is the nodal agency for the mission.

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**

10. Which of the following is/are the names of Indian Supercomputers?

1. Mihir
2. PARAM
3. Pratyush
4. Bhaskara

Select the correct option using the codes given below:

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

11. With reference to Fair and Remunerative Price (FRP) consider the following statements:

1. It is determined on the basis of recommendations of Commission for Agricultural Costs and Prices (CACP) and after consultation with State Governments and other stake-holders.
2. The 'FRP' of sugarcane is determined under Sugarcane (Control) Order, 1966.

Which of the statement/s given above is/are correct ?

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

12. It is a known cancer-causing agent. It is commonly used to preserve bodies in mortuaries. It can also increase shelf life of fresh food. It can cause nausea, coughing and burning sensation in the eyes, nose and throat in the short term. It is a chemical commonly used in industry for the manufacturing of plastic resins that can be used in wood, paper and textile industry. It is a highly flammable, colourless gas with pungent and irritating odour.

Which of the following is the chemical being discussed above?

- a) Formalin**
- b) Sodium benzoate
- c) Copper sulphate
- d) Calcium carbide

13. With reference to Vaquita porpoise, consider the following statements:

1. It is the world's smallest cetacean and the most endangered marine mammal.
2. It only lives in Mexico's upper Gulf of California.
3. It has been listed under the International Union for Conservation of Nature Red List as Vulnerable.

Which of the statements given above are correct?

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

14. With reference to bonds yields and price of the bond, consider the following statements:

1. When the market price of the bond is less than the face value, the bond sells at a discount.
2. When the market price of the bond is more than its face value, the bond sells at a premium.
3. When the market price of the bond is equal to its face value, the bond sells at par.

Which of the statements given above is/are correct?

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

15. Sim, recently seen in the news, is related to which of the following?

- a) A 5-G enabled low radiation sim card for better mobile connectivity

- b) An Identification module for quality control and testing of dairy products
- c) India's new frigate class underwater drone submarine
- d) **A tool kit for learning and understanding the practical aspects of programming using Quantum Computers.**

16. With reference to Non-Banking Financial Company (NBFC) in India, consider the following statements:

1. NBFC cannot accept demand deposits.
2. NBFC cannot issue cheques drawn on itself.
3. Deposit insurance facility of Deposit Insurance and Credit Guarantee Corporation is available to depositors of NBFCs.

Which of the statements given above is/are correct?

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

17. Which of the following should be considered as "Pigovian Taxation"?

1. Restoration of lost cultural heritage.
2. Burning of fossil fuel.
3. Research for new technology.
4. Consumption of cigarette.

Select the correct answer using the code given below:

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

18. With reference to Treasury Bills, consider the following statements:

1. These are short term debt instruments issued by the Government of India.
2. They are presently issued in three tenors, namely, 91 day, 182 day and 364 day.
3. They are issued at a premium and redeemed at the discount value at maturity.

Which of the statements given above is/are correct?

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

19. Twinkling of stars is observed due to which of the following phenomenon?

- a) Reflection of light
- b) Scattering of light
- c) **Refraction of light**
- d) Dispersion of light

20. With reference to Open Market Operations(OMO), consider the following statements:

1. It refers to the sale and purchase of government securities and treasury bills by RBI.
2. Its objective is to regulate the money supply in the economy.
3. RBI deals with the public directly to carry out Open Market Operations.

Which of the statements given above is/are correct?

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

21. With reference to latest OXFAM's report: First Crisis, Then Catastrophe, consider the following statements:

1. The estimates are based on the projections by World Economic Forum(WEF).
2. The World Bank defines extreme poverty as living on less than \$1.90 per day.

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

22. Which of the following are priority areas of cooperation of East Asia Summit (EAS)

1. Environment and Energy

2. Education
3. Finance
4. Natural disaster management
5. Pandemic diseases

Select the correct answer using the code given below:

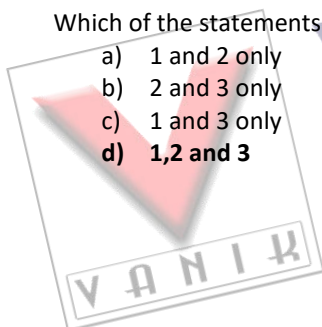
- a) 1, 2, 3 and 5 only
 - b) 1, 3 and 4 only
 - c) 2, 4 and 5 only
 - d) **1, 2, 3, 4 and 5**
23. India's first Persian newspaper "Mirat-ul-Akhbar" was started by?
- a) **Raja Rammohun Roy**
 - b) Fardaonji Murzban
 - c) Shishir Kumar Ghosh and Motilal Ghosh.
 - d) Ferozeshah Mehta
24. With reference to Fiat Money, consider the following statement:
1. Fiat Money is legally recognized to settle all debt and payment with in territorial jurisdiction.
 2. Cheque is a Fiat Money whereas Crypto currency is not a Fiat Money.

Which of the statement/s given above is/are correct?

- a) **1 only**
 - b) 2 only
 - c) Both 1 and 2
 - d) Neither 1 nor 2
25. With reference to Rashtriya Gram Swaraj Abhiyan (RGSA), consider the following statements:
1. It is a Centrally Sponsored Scheme (CSS).
 2. It is proposed to develop the Panchayati Raj System across India in the rural areas.
 3. It will include institutions of rural local government in non-Part IX areas, where Panchayats do not exist.

Which of the statements given above are correct?

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



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