

ECONOMY, CA, SCIENCE and TECH

1. Consider the following statements on Rapid Financing Instrument:
 1. Rapid Financing Instrument is a financing tool by the International Monetary Fund (IMF) for high-income countries (HICs).
 2. This tool can be extended only during natural disasters and food shocks.

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**
2. Which one of the following is the best explanation for transfer payments?
 - a) Government payments for goods and services
 - b) Payment of government subsidies
 - c) Welfare payments
 - d) One-way payments by a government to individuals with nothing in exchange**
 3. Consider the following statements regarding Long-Term Repo Operations (LTRO):
 1. The Core Banking Solution (E-KUBER) platform is used to perform LTROs.
 2. LTRO is a part of RBI's liquidity adjustment facility (LAF).

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
4. The term 'Biofilm' is best described in which of the following statement?
 - a) A vitamin found in foods like eggs, milk, and bananas.
 - b) A collective of one or more types of microorganisms that can grow on many different surfaces.**
 - c) The process of increasing the micronutrient content of a food crop through selective breeding, genetic modification, or the use of enriched fertilizers.
 - d) Products that reduce the need for fertilizers and increase plant growth, resistance to water and abiotic stresses.
 5. With reference to Masala Bond, consider the following statements:
 1. Masala Bonds are rupee-denominated bonds to raise funds from the overseas market in Indian rupees.
 2. Any corporate body except Indian banks is eligible to issue these bonds overseas.

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
6. The term 'KAWACH' technology recently seen in news is related to which of the following
 - a) This technology saves up to 3000 MW of Energy costs.
 - b) It is a technology from Japans shinkansen E5 series for High Speed rail corridor.
 - c) Train collision Avoidance system (TCAS) for achieving the goal of 'Zero accidents'.**
 - d) Technology for bullet proof jackets for BSF.
 7. Which of the following is not among the treaties commonly referred to as the "five United Nations treaties on outer space"?
 - a) The Outer Space Treaty
 - b) The Low Earth Orbit Treaty**
 - c) The Liability Convention
 - d) The Moon Agreement
 8. Imaging X-Ray Polarimetry Explore (IXPE) Observatory is a joint efforts of which of the following?
 - a) NASA and ISRO
 - b) NASA and Italian Space Agency**
 - c) NASA and JAXA
 - d) NASA and European Space Agency
 9. Recently a term called "Dark Genome" frequently mentioned in news, which of the following correctly defined the term?
 - a) DNA is made up of protein-coding genes
 - b) Structural elements of chromosomes
 - c) DNA outside of the regions conventionally defines as gene**
 - d) DNA that encode information for making an RNA molecule
 10. "World social protection report" is released by which of the following organizations?

- a) World Bank
b) **ILO**
c) UNDP
d) IMF
11. Consider the following statements:
1. The Non-debt Capital receipts include recovery of loans and disinvestment receipts.
2. Bharat Bond Exchange Traded Fund (ETF) is the first corporate Bond ETF in the country.
Which of the statements given above is/are NOT correct?
a) 1 only
b) 2 only
c) Both 1 and 2
d) **Neither 1 nor 2**
12. With reference to the Circular Economy, consider the following statements:
1. It is an economy where almost everything of a product gets reused, remanufactured, and recycled.
2. Circular economy initiatives in India are undertaken by the National Productivity Council (NPC).
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
13. Which of the following comes under capital account?
1. Purchase of stocks in the USA.
2. Reserve Account with the Central Bank
3. External Borrowings such as ECB.
Select the correct answer using the codes given below.
a) 1 and 2 only
b) 2 and 3 only
c) 3 only
d) **1, 2 and 3**
14. Which of the following statements is/are true?
1. World Development Report is published by WTO.
2. Gross National Income is used to compared the level of development in different countries.
3. All the rich countries are called developed countries.
Codes:
a) Only 1
b) 1 and 2
c) Only 3
d) **None**
15. Which of following statements is/are correct about 'GDP Deflator'?
1. GDP Deflator is a comprehensive measure of inflation.
2. It is based on fixed basket of goods and services.
Codes:
a) **Only 1**
b) Only 2
c) Both
d) None
16. What was the purpose of the Inter Creditor Agreement signed by Indian banks and financial institutions recently?
a) To lessen the Government of India's perennial burden of fiscal deficit and current account deficit
b) To support the infrastructure projects of Central and State Governments
c) To act as independent regulator in case of applications for loans of Rs. 50 crore or more
d) **To aim at faster resolution of stressed assets of Rs. 50 crore or more which are-under consortium lending**
17. "One Ocean Summit" is being organized by France in cooperation with?
a) **United Nations and the World Bank.**
b) WWF and UNEP
c) Greenpeace and the Nature Conservancy.
d) Earth Island Institute and Conservation International
18. Consider the following pairs
1. Brown hydrogen - derived from coal
2. Blue hydrogen - produced from natural gas

3. Gray hydrogen - produced from natural gas with a process of steam methane reforming
4. Green hydrogen - produced from electrolysis
- Choose the correct pairs from above using the codes given below
- 1 and 2 only
 - 2 and 3 only
 - 1 and 4 only**
 - 3 and 4 only
19. Kessler Syndrome often in news recently is related to which of the following
- a) Space debris**
 - Disease in Sahel region of Africa
 - Urban poverty
 - Slum in metropolitan cities
20. A "25 by 25" goal recently seen in news is related to which of the following
- Covid 19
 - b) Hypertension**
 - H1N1
 - HIV
21. Recently NITI Ayog with which of the following organisation released Take Home Ration (THR) Programme?
- Food and Agriculture Organisation
 - b) UN World Food Programme**
 - World Bank
 - UN development Programme
22. Which of the following statements are incorrect regarding James Webb Telescope:
- It is considered a successor of the Hubble Telescope.
 - It is the most powerful infrared telescope of National Aeronautics and Space Administration (NASA).
 - c) The telescope is the project of NASA alone.**
 - It is expected to reveal new and unexpected discoveries, and help humanity understand the origins of the universe and our place in it
23. Which of the following countries are part of 'Pitch Black' defence exercise.
- India
 - China
 - Australia
 - Japan
- Select the correct answer using the code given below.
- 1,2 and 3 only
 - b) 1,3 and 4 only**
 - 2,3 and 4 only
 - 1 and 4 only
24. "Project Panoptic" recently seen in news is associated with which of the following?
- Fuel cell technology
 - b) Facial Recognition Technology**
 - National bio fuel policy
 - Battery swap policy
25. Consider the following statements with reference to Jal Jivan mission
- It is a central sector scheme implemented under Ministry of Jal shakti
 - It aims to provide tap drinking water to every household by 2024
 - Puduchery is the only union territory with 100% house hold coverage under the scheme
- Which of the above statement/s is or are correct?
- 1 and 2 only
 - b) 2 only**
 - 2 and 3 only
 - 3 only