

ECO/ENV/CA

- The term 'Tax Elasticity' refers most accurately to which of the following:
 - It measures the actual or observed change in Tax revenue relative to Population.
 - It measures the actual or observed change in Tax revenue relative to GDP.
 - It is the proportionate change in tax revenue, without any discretionary change, relative to GDP of an economy.**
 - It is the proportionate change in tax revenue, including discretionary changes relative to GDP of an economy.
- Which of the following statements best describes the term biotope?
 - It is a transition area between two biomes
 - It is an area of uniform environmental conditions providing a living place for a specific assemblage of plants and animals.**
 - It is the region that encompasses all the resources the animal requires to survive and reproduce
 - It is a zone of gradual but continuous change from one ecosystem to another when there is no sharp boundary between the two.
- With reference to International Finance Corporation (IFC), consider the following statements:
 - IFC offers investment, advisory, and asset management services to encourage both public and private sector development in developing countries.
 - India is one of the founding members of the IFC.
 - IFC is a member of the World Bank Group (WBG).

Which of the statements given above is/are correct?

- 1 only
 - 1 and 2 only
 - 3 only
 - 2 and 3 only**
- Which of the following is/are correct regarding the Human Capital Index (HCI), released by the World Bank?
 - The index measures the contribution of health and education to the productivity of individuals and countries.
 - Ranging between 0 and 1, the index takes the value 1 only if a child born today can expect to achieve full health with no stunting and survival up to at least age 60 and achieve her formal education potential of high-quality school by age 18.

Select the correct answer using the code given below.

- 1 only
 - 2 only
 - Both 1 and 2**
 - Neither 1 nor 2
- Consider the following statement with regards to "Artificial photosynthesis"
 - This technology can be used to grow food-producing organisms in the dark including green algae, yeast and fungal mycelium that produce mushrooms
 - Artificial photosynthesis was first anticipated by the Italian chemist Giacomo Ciamician

Choose the correct statement using the codes given below

- 1 only
 - 2 only
 - Both 1 and 2**
 - Neither 1 nor 2
- Consider the following statements regarding the recently announced Standing Deposit Facility (SDF) by the RBI:
 - The central bank can absorb excess liquidity from the commercial banks without an exchange of collateral like G-Secs.
 - The SDF rate has been aligned to the repo rate.

Which of the statements given above is/are correct?

- 1 only**
 - 2 only
 - Both 1 and 2
 - Neither 1 nor 2
- With reference to World Trade Organization (WTO), what do you understand by the term "de minimis"?
 - It is the maximum amount of the countervailing duty by a country to support its domestic producers.
 - It is the minimal amounts of domestic support that are allowed even though they distort trade.**
 - It is the uniform amount of custom duty in a free trade agreement.
 - It is the minimum number of agreed lists between two countries that have free trade agreement.
 - Consider the following statements:

1. National Rural Economic Transformation Project (NRETP) aims to promote women-led and women-owned farm as well as non-farm enterprises.
 2. The project is being funded by the Asian Development Bank.
- Which of the above statements is/are correct?
- a) **1 only**
 - b) 2 only
 - c) Both 1 and 2
 - d) Neither 1 nor 2
9. With reference to the Cash Reserve Ratio in India (CRR), consider the following statements:
1. CRR varies as per an individual bank's financial situation and size.
 2. All Scheduled Commercial Banks are required to maintain the CRR.
 3. Banks are paid a timely interest by the RBI if they are successful in maintaining the CRR.
- Which of the statements given above is/are correct?
- a) 1 and 3 only
 - b) 2 and 3 only
 - c) **2 only**
 - d) 1, 2 and 3
10. Apart from India, which of the following countries are members of Supply Chain Resilience Initiative (SCRI)?
- a) USA and Japan
 - b) China and Russia
 - c) **Japan and Australia**
 - d) Australia and USA
11. Which one of the following statements is true about the Greenhouse?
- a) **The shorter wavelength infrared radiations from the Sun can enter the greenhouse while Longer-wavelength Infrared radiations from the ground and the plants inside the Greenhouse cannot pass back out through the glass.**
 - b) The shorter wavelength Infrared radiations from the Sun can enter into the Greenhouse wavelength infrared radiations from the and the longer ground Greenhouse can also pass back out through the glass and the plants inside the Greenhouse can also pass back out through the glass.
 - c) The shorter wavelength radiations from the Sun cannot enter the greenhouse while longer-wavelength infrared radiations from the ground and the plants inside the greenhouse can pass back out through the glass.
 - d) No infrared radiation can pass through the glass of the greenhouse.
12. With reference to the Kyoto Protocol, consider the following statements:
1. It aimed to manage and reduce Carbon dioxide emissions and other Greenhouse gases.
 2. Emission limits were placed on the Developed Nations only.
 3. The Kyoto Protocol was effectively replaced by an agreement signed in Doha, Qatar.
- Which of the statements given above is/are correct?
- a) 1 and 3 only
 - b) **1 and 2 only**
 - c) 2 and 3 only
 - d) 1, 2 and 3
13. With reference to Ecological pyramids, consider the following statements:
1. The pyramid of numbers may not always be upright, and may even be completely inverted.
 2. Pyramid of biomass in land ecosystem is always upright.
 3. Pyramid of biomass in marine ecosystem is always upright.
 4. Pyramid of energy is always upward.
- Which of the statements given above is/are correct?
- a) 1, 2 and 3 only
 - b) **1, 2 and 4 only**
 - c) 2, 3 and 4 only
 - d) 1, 3 and 4 only
14. In the context of economy, which of the following option best describe the opportunity cost?
- a) **The potential benefits that an individual, investor, or business misses out on when choosing one alternative over another.**
 - b) These are historical costs that have already been incurred and will not make any difference in the current decisions by management.
 - c) These are expenses associated with day-to-day business activities during which investor choose better alternative to invest in.
 - d) These are expenses managers have control over and have the power to increase or decrease.
15. Which of the following committees/ commissions was set up for NBFC reforms:

- a) Justice A.K Mathur Commission
b) Vasudev Committee
 c) Vaghul Committee
 d) Arun Goel Committee
16. With reference to Indian laws about wildlife protection, consider the following statements
1. Wild animals are the sole property of the government.
 2. When a wild animal is declared protected, such animal is entitled for equal protection whether it is found in protected areas or outside.
 3. Apprehension of a protected wild animal becoming a danger to human life is sufficient ground for its capture or killing.
- Which of the statements given above is/are correct?
- a) **1 and 2**
 b) 2 only
 c) 1 and 3
 d) 3 only
17. It shows the relationship between economic growth and inequality. It is inverted U shaped meaning that as initially economic growth leads to greater inequality, followed later by the reduction of inequality. The situation given above can be best described using which one of the following curves?
- a) Laffer Curve
 b) Phillips Curve
 c) Engel Curve
d) Kuznets Curve
18. Which one of the following does not influence the quantity demanded for a good?
- a) **Prices of inputs into the production of the good.**
 b) Price of a substitute good.
 c) Price of a complementary good.
 d) Good's price.
19. With reference to Plastic Waste Management (Amendment) Rules, 2022, consider the following statements:
1. Under it Extended Producer Responsibility (EPR) for plastic packaging has been introduced.
 2. Under it, the producers, importers and brand-owners shall have to provide the details of recycling certificates for plastic packaging material used.
- 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
20. A sandy and saline area is the natural habitat of an Indian animal species. The animal has no predators in that area, but its existence is threatened due to the destruction of its habitat. Which of the following could be that animal?
- a) Indian wild Buffalo
b) Indian wild Ass
 c) Indian wild Boar
 d) Indian Gazelle
21. Which of the following organisms is the 'producer' of the ocean?
1. Phytoplankton
 2. Nekton
 3. Krill
 4. Zooplankton
- Select the correct answer using the code given below:
- a) 1 and 4 only
 b) 1, 3 and 4 only
 c) 1, 2 and 3 only
d) 1 only
22. "Project Gullify" sometimes mentioned in news is related to which of the following?
- a) IIT Madras
 b) Microsoft
 c) IIT Kharagpur
d) Google
23. Which of the above statements is incorrect with respect to the 'Global Methane Pledge'?
- a) The signatories of the Global Methane Pledge have promised to cut their methane emissions by at least 30 per cent by 2030.

- b) The Global Methane Pledge is a US-EU led effort.
c) **India is a signatory of the Global Methane Pledge.**
d) None of the statements are incorrect.
24. Which of the following pollutants are included in the National Ambient Air Quality Standards (NAAQS)?
1. Benzo-pyrene
 2. Ammonia
 3. Benzene
 4. Nickel
 5. Carbon-dioxide
 6. Sulphur dioxide
 7. Nitrogen dioxide

Select the correct answer using the code given below:

- a) 1, 2 and 4 only
b) **1, 2, 3, 4, 6 and 7 only**
c) 5, 6 and 7 only
d) 1, 2, 3, 4, 5, 6 and 7
25. Which of the following statements is incorrect with respect to the Prompt Corrective Action (PCA) Framework ?
- a) It is a framework under which banks with weak financial health are put under monitoring by RBI.
b) PCA is used to alert the RBI, investors and depositors if a bank may face problems in the future.
c) **PCA is applicable only to commercial banks and not to co-operative banks and non-banking financial companies (NBFCs).**
d) None of the above statements are incorrect.



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