

**ECO,CA,SC and Tech**

1. Consider the following statements regarding Currency Deposit Ratio (CDR):

1. CDR is the proportion of total deposits which the commercial banks keep as reserves.
2. An increase in CDR leads to a decrease in money multiplier.

Which of the above statements is/are correct?

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

2. Consider the following statements:

1. IMF emergency loans help countries experience both actual and potential balance of payment problems.
2. Global financial stability report is an annual World Bank publication.

Which of the above statements are correct?

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

3. Consider the following statements regarding the Basel Accords:

1. These are guidelines for the resolution of Non-Performing Assets and are set by the World Bank.
2. The Reserve Bank of India follows stricter Capital Adequacy Norms than the ones specified under Basel III.
3. The Basel III guidelines were introduced in 2010 in response to the financial crisis of 2008.

Which of the statements given above is/are incorrect?

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

4. Consider the following statements:

1. Reverse repo allows Reserve Bank of India to borrow money from banks for short-term.
2. In the Call Money Market, borrowing can take place against government securities.

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

5. Which of the following statement regarding Price Elasticity of Demand is *incorrect*?

- (a) It is the ratio of the percentage change in quantity demanded of a product to the percentage change in price.
- (b) The demand for a good is likely to be elastic if close substitutes are easily available.
- (c) If a price changes for a product doesn't lead too much change in its supply or demand, it is considered inelastic.
- (d) Demand for essential goods is often found to be elastic.**

6. Consider the following statements regarding the GDP Deflator:

1. It covers the entire range of goods and services produced in the economy, against the limited commodity baskets for the wholesale or consumer price indices.
2. If GDP at Current Prices is equal to the GDP at Constant Prices, GDP deflator will be 0.

Which of the statements given above is/are incorrect?

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

7. Which of the following can be the benefits of Ease of Doing Business Rank?

1. Improvement in Global Market
2. Liberalisation of Businesses
3. Encourages countries to build business in the top-ranking countries
4. Helps in future plans for development
5. Growth of Industries in countries at higher ranks

Choose the correct answer using the codes given below

- a) 1, 2 and 4 only
- b) 2, 3, 4 and 5 only
- c) 1, 4, and 5 only
- d) All of the above**

8. Which of the following are the lower and upper boundaries of the Liquidity Adjustment Facility Corridor?

- (a) Bank Rate, Repo Rate

(b) SLR, CRR

(c) CRR, Bank Rate

(d) **Reverse Repo, Repo**

9. Which of the given statements is/are correct regarding inflation?

1. In the case of Cost Push Inflation the overall output in the economy does not fall.

2. Deflation is when the overall price level in the economy falls for a period of time.

3. The core inflation measures exclude the prices of highly volatile food and fuel components.

Select the correct answer using the codes given below:

(a) 3 only

(b) 1 and 2 only

(c) **2 and 3 only**

(d) 1, 2 and 3

10. Which one of the following is not the most likely measure the Government/RBI takes to stop the slide of Indian rupee?

a) Easing conditions relating to external commercial borrowing.

b) Encouraging Indian borrowers to issue rupee-denominated Masala Bonds.

c) **Following an expansionary monetary policy.**

d) Curbing imports of non-essential goods and promoting exports.

11. Spring revolution in recent time is related to which of the following country?

a) China

b) Japan

c) **Myanmar**

d) Ukraine

12. Consider the following statements regarding Bomb cyclone.

1. Bomb cyclones form when air near Earth's surface rises quickly in the atmosphere, triggering a sudden drop in barometric pressure.

2. Bomb cyclones arise in mid-latitudes, where fronts of warm and cold air might collide.

3. All bomb cyclones are hurricanes.

Which of the above statements is/are correct?

a) 1 only

b) **1, 2**

c) 1, 3

d) 2, 3

13. The Siyom bridge, that was recently inaugurated is located in

a) Sikkim

b) Uttarakhand

c) **Arunachal Pradesh**

d) Ladakh

14. James Webb Telescope is an international collaboration between

1. National Aeronautics and Space Administration

2. European Space Agency

3. Canadian Space Agency

4. Japan Aerospace Exploration Agency

Select the correct answer using the code below:

(a) **1, 2 and 3 only**

(b) 2, 3 and 4 only

(c) 1, 2 and 4 only

(d) 1, 3 and 4 only

15. RNA interference (RNAi) technology has gained popularity in the last few years because:

(1) It is used in developing gene silencing therapies.

(2) It can be used in developing therapies for the treatment of cancer.

(3) It can be used to develop hormone replacement therapies.

(4) It can be used to produce crop plants that are resistant to viral pathogens.

Select the correct answer using the code given below.

(a) **1, 2 and 4**

(b) 2 and 3

(c) 1 and 3

(d) 1 and 4 only

16. Which of the following missiles were developed under the integrated guided missile development programme (IGMDP)?

a) Agni

- b) Akash
- c) Trishul
- d) Nag

Select the correct answer using the code given below:

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

17. Which reference to antrix corporation limited, consider the following statement:

- 1. It comes under the department of space.
- 2. It is a commercial and marketing arm of ISRO.

Which of the statement given above is/are correct?

- a) 1 only
- b) 2 only
- c) **Both 1 and 2**
- d) Neither 1 and 2

18. With reference to Semi Cryogenic engine consider the following statements:

- 1. It uses ISROSENE as fuel.
- 2. ISROSENE is a far 'greener' fuel than the fuel currently used in Indian rockets.

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

19. With reference to Global Warming Potentials (GWP), consider the following statements:

- 1. It compares the amount of heat trapped by a certain mass of the gas in question to the amount of heat trapped by a similar mass of carbon monoxide.
- 2. GWP of Carbon dioxide has been fixed as 1.
- 3. A high GWP correlates with a large infrared absorption and a long atmospheric lifetime.

Which of the statements given above is/are correct?

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

20. Which one of the following statements is correct regarding LOFAR (Low-Frequency Array)?

- a) **It is the world's most powerful radio antenna.**
- b) It is a space technology launched by NASA to discover exoplanets.
- c) It is an arrangement of satellites in space for creating the Satellite Navigation System.
- d) It is a wireless communication technology for 5G Services.

21. With reference to the Black Sea Grain Initiative, consider the following statements:

- 1. It is a deal brokered by the United Nations (UN) and Russia.
- 2. The deal was to provide for a safe maritime humanitarian corridor for Ukrainian exports from three of its key ports, namely, Chornomorsk, Odesa and Yuzhny/Pivdennyi.

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. In the context of World Economic Forum

- 1. The Theme of 53<sup>rd</sup> WEF is "Working Together, Restoring Trust"
- 2. A new initiative Giving to Amplify Earth Action (GAEA) was launched to leverage philanthropic capital to unlock funding for the climate crisis.

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

23. Which of the following correctly describes the term 'DeepEcology', often seen in the news?

- 1. **It is a philosophy that encourages human beings to recognize the inherent value of nature.**
- 2. It is a paradigm that suggests finding the secrets of universe in the biodiversity of Earth.

3. It is a principle that promotes complete utilization of natural resources with zero wastage.
4. It is a transitional area of vegetation between two different plant communities.
24. Machu Pichhu , a UNESCO World Heritage site that was recently seen in the news, lies in which country?
- A. Brazil
- B. Indonesia
- C. Ethiopia
- D. **Peru**
25. Yellow band Disease, which was recently seen in the news, is related to:
- A. **Corals**
- B. Human skin
- C. Tropical Rainforest
- D. None of these



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