1. Consider the following with reference to the “Trans Fat Free” logo and certification:  
   Statement 1: The “Trans Fat Free” logo launched by FSSAI indicates food establishments using oils and fats with less than 2% industrially produced trans fats.  
   Statement 2: India has set the target of eliminating industrially produced trans fats by 2030, in line with WHO recommendations.  
   Which of the above statements is/are correct?  
   (A) 1 only  
   (B) 2 only  
   (C) Both 1 and 2  
   (D) Neither 1 nor 2

Answer 11. (A) 1 only

Explanation:

* The FSSAI “Trans Fat Free” logo signifies commitment to using fats/oils with industrial trans fats below 2%, aligning with national regulations.
* India adopted a target of eliminating iTFA by 2022 (India@75), earlier than the WHO’s 2023 best-practice timeline; 2030 is not the set target, so Statement 2 is incorrect.

1. The government’s Atmanirbhar Bharat Abhiyan emphasizes self-reliance. Consider the following broad pillars:  
   Objective 1: Economy focused on quantum jumps, not incremental change.  
   Objective 2: Infrastructure as a foundation for becoming a $5 trillion economy.  
   Objective 3: Systems based on technology-driven governance.  
   Objective 4: Import-substitution through blanket curbs on international trade.  
   Which of the above objectives is/are not correct?  
   (A) 1 only  
   (B) 4 only  
   (C) 2 and 3 only  
   (D) 1 and 4 only

Answer 12. (B) 4 only

Explanation:

* The articulated pillars include Economy (quantum jumps), Infrastructure, and Systems driven by technology, all correctly stated.
* Atmanirbhar Bharat does not envisage blanket curbs on international trade; it promotes competitiveness, resilience, and selective localization rather than indiscriminate protectionism.

1. Which of the following correctly explains Dumping in international trade?  
   (A) Sale of goods in foreign markets at prices lower than domestic cost or market price.  
   (B) The practice of under-invoicing to evade customs duties.  
   (C) Stockpiling essential commodities to manipulate supply.  
   (D) Selling goods exclusively through state-owned trading enterprises.

Answer 13. (A) Sale of goods in foreign markets at prices lower than domestic cost or market price.

Explanation:

* Dumping is exporting at a price lower than the normal value (home market price or cost), potentially injuring the importing country’s domestic industry.
* Under-invoicing is customs fraud, not the definition of dumping; stockpiling and exclusive state trading are unrelated to the dumping concept.

1. What is Marginal Standing Facility (MSF) of RBI?  
   (A) A facility allowing banks to borrow overnight funds above the repo rate in emergency situations.  
   (B) A scheme for priority sector lending by banks.  
   (C) A measure by which RBI regulates the foreign exchange rate.  
   (D) A concessional loan facility for Micro and Small Enterprises.

Answer 14. (A) A facility allowing banks to borrow overnight funds above the repo rate in emergency situations.

Explanation:

* MSF is the RBI’s safety-valve window enabling scheduled commercial banks to borrow overnight at a penal rate higher than the repo rate by dipping into SLR securities.
* It is not a priority sector scheme, FX measure, or concessional MSME line.

1. Consider the following about the Hornbill Festival of Nagaland:  
   (i) It is known as the “Festival of Festivals.”  
   (ii) It showcases the cultural heritage of various Naga tribes.  
   (iii) It is organized annually by UNESCO at Kohima.  
   Which of the above statements are correct?  
   (A) (i) and (ii) only  
   (B) (ii) and (iii) only  
   (C) (i) and (iii) only  
   (D) (i), (ii) and (iii)

Answer 15. (A) (i) and (ii) only

Explanation:

* The Hornbill Festival is widely called the “Festival of Festivals” and highlights the customs, dances, crafts, and cuisines of Naga tribes.
* It is organized by the Government of Nagaland (Tourism and Art & Culture Departments), not by UNESCO.

1. Which of the following currents are part of the Indian Ocean circulation system?  
   (i) Somali Current  
   (ii) West Australian Current  
   (iii) Mozambique Current  
   (iv) Humboldt Current  
   Select the correct answer using the codes given below.  
   (A) (i), (ii) and (iii) only  
   (B) (i) and (iv) only  
   (C) (ii) and (iii) only  
   (D) (i), (iii) and (iv) only

Answer 16. (A) (i), (ii) and (iii) only

Explanation:

* The Somali, West Australian, and Mozambique currents are Indian Ocean currents shaped by monsoon and basin circulation.
* The Humboldt Current is a cold current in the Southeast Pacific off South America, not the Indian Ocean.

1. Which of the following canal–command area pairs is/are incorrectly matched?  
   (i) Sirhind Canal – Punjab and Haryana  
   (ii) Indira Gandhi Canal – Punjab and Rajasthan  
   (iii) Sarda Canal – Uttar Pradesh and Uttarakhand  
   (iv) Tungabhadra Right Bank Canal – Tamil Nadu  
   Select the correct answer using the codes given below.  
   (A) (i) only  
   (B) (iv) only  
   (C) (ii) and (iii) only  
   (D) (iii) and (iv) only

Answer 17. (B) (iv) only

Explanation:

* Sirhind Canal commands areas in Punjab and parts of Haryana; Indira Gandhi Canal serves Rajasthan with feeder from Punjab; Sarda Canal irrigates regions in Uttar Pradesh (and adjoining areas historically).
* Tungabhadra Right Bank Canal serves Karnataka/Andhra Pradesh command areas, not Tamil Nadu, making (iv) incorrect.

1. Consider the following sequence of tributaries joining Brahmaputra near Tezpur region (North bank, East to West):  
   (i) Jia Bharali → Gabharu → Borgang → Barnadi  
   (ii) Jia Bharali river originates from Tawang district of Arunachal Himalayas.  
   (iii) Barnadi forms a natural boundary between Bhutan and Assam before joining Brahmaputra.  
   (iv) Gabharu river arises in Arunachal Pradesh and joins Brahmaputra in Sonitpur district.  
   Which sequence or statement is/are not correct?  
   (A) (i) only  
   (B) (ii) and (iii) only  
   (C) (iii) only  
   (D) (ii) and (iv) only

Answer 18. (C) (iii) only

Explanation:

* From east to west along the north bank near Tezpur, the ordering Jia Bharali → Gabharu → Borgang → Barnadi is appropriate.
* Jia Bharali (Kameng) originates in the Tawang region of Arunachal Himalaya and debouches near Tezpur.
* Gabharu rises in Arunachal Pradesh and joins the Brahmaputra in Sonitpur district.
* Barnadi drains from Bhutan into Assam but does not serve as the international boundary line; hence (iii) is not correct.

1. Which of the following canal–command area pairs is/are incorrectly matched?  
   (i) Sirhind Canal – Punjab and Haryana  
   (ii) Indira Gandhi Canal – Punjab and Rajasthan  
   (iii) Sarda Canal – Uttar Pradesh and Uttarakhand  
   (iv) Tungabhadra Right Bank Canal – Tamil Nadu  
   Select the correct answer using the codes given below.  
   (A) (i) only  
   (B) (iv) only  
   (C) (ii) and (iii) only  
   (D) (iii) and (iv) only

Answer 19. (B) (iv) only

Explanation:

* Sirhind, Indira Gandhi, and Sarda Canal command areas as stated are broadly accurate in the respective states.
* Tungabhadra Right Bank Canal is not in Tamil Nadu; it irrigates tracts in Karnataka/Andhra Pradesh, making (iv) the incorrect pair.

1. The annual devastation of Majuli island by erosion can be explained by:  
   (i) Brahmaputra’s shifting channels and intense bank erosion.  
   (ii) Deforestation in Arunachal Pradesh leading to higher sediment load depositing around Majuli.  
   (A) Only (i) correct  
   (B) Only (ii) correct  
   (C) Both (i) and (ii) correct, inclusive causes of Majuli’s erosion  
   (D) Both correct but not inclusive

Answer 20. (C) Both (i) and (ii) correct, inclusive causes of Majuli’s erosion

Explanation:

* Majuli’s bankline retreat is driven by the Brahmaputra’s braided, migrating channels that undercut banks and rework mid-channel bars.
* Catchment deforestation and slope disturbances in the upper basin amplify sediment yield, enhancing deposition dynamics and instability around Majuli, making both factors jointly explanatory.