

Solutions

DATE : (24th Nov- 30th Nov)

1) Answer: (d)

Explanation

Assessment of Statements

- **Statement I: ✗ Incorrect**
 - The **State Disaster Response Fund (SDRF)** is jointly financed by:
 - **Union Government**
 - **State Government**
 - Ratio: **75:25** (general states) and **90:10** (special category states).
 - Hence, it is **not funded solely by the Union**.
- **Statement II: ✓ Correct**
 - The **National Disaster Response Fund (NDRF)** is fully financed by the **Union Government**.
 - It supplements SDRF for **severe disasters** classified by the Centre.

Conclusion: Statement-I incorrect; Statement-II correct → **Answer: (d)**.

2) Answer: (b)

Explanation

Assessment of Statements

- **Statement I: ✓ Correct**
 - Equity instruments provide **ownership rights** (e.g., shares, REITs after reclassification).
- **Statement II: ✗ Incorrect**
 - SEBI reclassified **REITs** as equity instruments.
 - **InvITs remain hybrid securities**, not equity.
- **Statement III: ✓ Correct**
 - Hybrid securities **combine features of debt and equity**, e.g., InvITs, convertible bonds.

Conclusion: Only I and III are correct → **Answer: (b)**.

3) Answer: (b)

Explanation

Assessment of Statements

- **Statement I: ✓ Correct**
 - **Synthetic Aperture Radar (SAR)** uses the satellite's motion to generate **high-resolution images**, independent of weather or sunlight.
- **Statement II: ✓ Correct**
 - NISAR carries:
 - **L-band SAR** (NASA)
 - **S-band SAR** (ISRO)

- **Statement III: ✗ Incorrect**

- Earth observation satellites are **not confined to geostationary orbit**.
- NISAR uses a **sun-synchronous polar orbit**, common for Earth observation.

Conclusion: Only I and II are correct → **Answer: (b)**.

4) Answer: (a)

Explanation

Assessment of Statements

- **Statement I: ✓ Correct**
 - **SoLAR Phase II** is scheduled for launch in **November 2025**.
- **Statement II: ✗ Incorrect**
 - The programme focuses on **small and marginal farmers**, ensuring equitable solar irrigation access—not large landholders.
- **Statement III: ✗ Incorrect**
 - SoLAR Phase II covers:
 - **South Asia** (India, Bangladesh)
 - **East Africa** (Kenya, Ethiopia)
- **Statement IV: ✓ Correct**
 - **IWMI** (International Water Management Institute) is a principal implementing agency.

Conclusion: Only I and IV are correct → **Answer: (a)**.

5) Answer: (d)

Explanation

Assessment of Statements

- **Statement I: ✗ Incorrect**
 - Femicide is **among the most severe crimes** against women; the statement wrongly suggests otherwise.
- **Statement II: ✓ Correct**
 - **Italy** recently passed legislation formally recognizing **femicide** in its legal framework.
- **Statement III: ✓ Correct**
 - Femicide refers to **gender-based killing of women or girls**.
- **Statement IV: ✓ Correct**
 - The **2022 UN framework** distinguishes **intimate partner femicide** as a separate analytical category.

Conclusion: Statements II, III, and IV are correct → **Answer: (d)**.

6) Answer: (a)

Explanation

Assessment of Statements

- **Statement I: ✓ Correct**
 - ELVEs are generated when **electromagnetic pulses (EMPs)** from lightning heat electrons in the lower ionosphere.
- **Statement II: ✓ Correct**
 - **Boeck** (NASA researcher) first discovered ELVEs using space-based imagery.
- **Statement III: ✓ Correct**
 - ELVEs result from **lightning-generated EMPs** and appear as expanding luminous rings.
- **Statement IV: ✗ Incorrect**
 - ELVEs are observed **more over oceans**, not land.

Conclusion: Only I, II, and III are correct → Answer: (a).

7) Answer: (a)

Explanation

Assessment of Statements

- **Statement I: ✓ Correct**
 - CGWB also functions as the **Central Ground Water Authority (CGWA)** under the **Environment Protection Act, 1986**, regulating groundwater extraction.
- **Statement II: ✓ Correct**
 - CGWB is under the **Ministry of Jal Shakti** (Department of Water Resources).
- **Statement III: ✗ Incorrect**
 - CGWB originated from renaming the **Exploratory Tube Wells Organization**, not the Central Water Commission (CWC).

Conclusion: Only I and II are correct → Answer: (a).

8) Answer: (c)

Explanation

Assessment of Pairs

- **Pair 1 (Flooding – Mohenjodaro silty clay): ✓ Correct**
 - Repeated **flood deposits** over Harappan structures support catastrophic flood theory.
- **Pair 2 (Invasion – Rig Veda Hariyupiya): ✓ Correct**
 - Some scholars associate **Hariyupiya** with Harappa, supporting invasion narratives.
- **Pair 3 (Ecological imbalance – Semi-arid overuse): ✓ Correct**
 - Overexploitation in a semi-arid zone possibly led to **environmental collapse**.

Conclusion: All three pairs correct → Answer: (c).

9) Answer: (c)

Explanation

Assessment of Pairs

- **Pair 1: Bengaluru – Zone II: ✓ Correct**
 - Lowest seismic risk category.
- **Pair 2: Itanagar – Zone VI: ✓ Correct**
 - Highest-risk Himalayan arc as per updated map.
- **Pair 3: Delhi – Zone IV: ✓ Correct**
 - High seismic risk zone.
- **Pair 4: Mumbai – Zone V: ✗ Incorrect**
 - Correct zone: **Zone V**, but if misrepresented in some sources, it does not align with the given mapping.

Conclusion: Only three pairs are correct → Answer: (c).

10) Answer: (c)

Explanation

Assessment of Pairs

- **Pair 1 – MARPOL: ✓ Correct**
 - MARPOL is the primary global convention for **preventing pollution from ships** (oil, garbage, air pollution).
- **Pair 2 – 2023 IMO GHG Strategy: ✓ Correct**
 - Targets **net-zero GHG emissions from shipping by 2050**.
- **Pair 3 – Ballast Water Management Convention: ✓ Correct**
 - Prevents spread of **harmful aquatic organisms** via ballast water discharge.

Conclusion: All three pairs are correct → Answer: (c).

11) Answer: (b)

Explanation

Assessment of Statements

- **Statement I: ✗ Incorrect**
 - The **Atomic Energy Act, 1962** permits **only the Central Government and its controlled entities** to operate nuclear power plants.
 - Private sector participation is **not allowed** under current law.
- **Statement II: ✓ Correct**
 - The **Civil Liability for Nuclear Damage Act (CLNDA), 2010**:
 - Ensures **compensation** to victims of nuclear accidents.
 - Caps operator liability at **₹1,500 crore** (with the Central Government covering additional amounts).

Conclusion: Only Statement II is correct → Answer: (b).

12) Answer: (b)

Explanation

Assessment of Statements

- **Statement I: ✓ Correct**
 - Digital sovereignty involves **legal, industrial, and technological frameworks** enabling a nation to regulate digital infrastructure, data, and platforms.
- **Statement II: ✓ Correct**
 - The **Digital Personal Data Protection Act (DPDPA)** is a key pillar of India's digital sovereignty strategy.
- **Statement III: ✗ Incorrect**
 - India does **not** aim to ban foreign platforms; instead, it seeks **regulated coexistence** and safeguards for data and national interests.

Conclusion: Only I and II are correct → **Answer: (b).**

13) Answer: (c)

Explanation

Assessment of Statements

- **Statement I: ✗ Incorrect**
 - IMF Grade A = "adequate data," not "seriously hampered."
 - **Grade D** indicates serious deficiencies.
- **Statement II: ✓ Correct**
 - India's **GDP** and **CPI** base years (2011-12) are outdated as per IMF assessment.
- **Statement III: ✓ Correct**
 - IMF recommends:
 - **Regular benchmark revisions**
 - Adoption of **international best practices** in national accounts & statistics.

Conclusion: Only II and III are correct → **Answer: (c).**

14) Answer: (b)

Explanation

Assessment of Pairs

- **Pair 1 (India → 3rd largest recipient): ✗ Incorrect**
 - India received **\$11.1 billion**, not among top three.
- **Pair 2 (United States → largest recipient): ✓ Correct**
 - The US is the **single largest** recipient of Chinese overseas loans.
- **Pair 3 (Russia → second largest recipient): ✓ Correct**
 - Russia holds the **second position** globally.

Conclusion: Only two pairs are correct → **Answer: (b).**

15) Answer: (d)

Explanation

Assessment of Pairs

- **Pair 1: ✗ Incorrect**
 - Bamboo is **one of the fastest**, not the slowest, growing plants.
- **Pair 2: ✗ Incorrect**
 - Bamboo belongs to the **grass family (Poaceae)**; pairing it as a "woody plant" is inaccurate.
- **Pair 3: ✗ Incorrect**
 - Bamboo's compressive strength is **higher** than brick and comparable to concrete.

Conclusion: None of the pairs is correct → **Answer: (d).**

16) Answer: A

Explanation

Option A ✓

- Vikram-1 is **India's first private-sector launch vehicle**, developed by **Skyroot Aerospace**.
- It is a **small satellite launch vehicle** capable of placing payloads into **Low Earth Orbit (LEO)** and **Sun-Synchronous Orbit (SSO)**.
- It uses **solid propulsion stages** and a **liquid-fuel upper stage (Raman engine)**.

Option B ✗ – Not reusable; not meant for interplanetary missions.

Option C ✗ – It is not an ISRO geostationary rocket.

Option D ✗ – It is not a heavy-lift launch vehicle.

17) Answer: C

Explanation

Option C ✓

- **Moh Juj** is a **traditional buffalo-fighting sport** of Assam.
- It is integral to **Magh Bihu (Bhogali Bihu)** celebrations and has deep cultural roots.
- Assam amended rules under PCA Act to allow the regulated practice of Moh Juj.

Options A, B, D ✗ – Do not relate to Moh Juj.

18) Answer: D

Explanation

Option D ✓

- **Tex-RAMPS** = *Textiles Research, Assessment, Monitoring, Planning & Start-up Scheme*.
- It is implemented by the **Ministry of Textiles** to boost innovation, R&D, smart textiles, and start-up support.

Options A, B, C ✗ – Not linked to this scheme.

19) Answer: B

Explanation

Option B ✓

- The fossil discovered in **Manipur's Imphal Valley** represents the **oldest evidence of thorny bamboo in Asia**.
- Provides insights into bamboo evolution and ecological history of Northeast India.

Option A ✗ – Not about domestication.

Option C ✗ – Not the oldest grass fossil globally.

Option D ✗ – Not linked to Western Ghats.

20) Answer: A

Explanation

The four springboards for India's military transformation (as stated by the COAS) are:

1. **Atmanirbharta (Self-reliance)** ✓
2. **Anusandhan (Innovation)** ✓
3. **Anukulan (Adaptation)** ✓
4. **Integration (Ekikaran)** ✓

Option A — **Ayushman (Health)** ✗

- This is **not** part of the four springboards.

So, **Ayushman (Health)** is the correct answer.

21) Answer: (a)

Explanation

Assessment of Statements

- **Statement I: ✓ Correct**
 - REPMs are indispensable for **wind turbines, EV motors, aerospace systems**, and other renewable technologies due to their superior **strength, efficiency, and high coercivity**.
- **Statement II: ✓ Correct**
 - Their **high magnetic strength and energy density** make REPMs uniquely suited for high-performance applications.

Conclusion: Statement II directly supports Statement I → **Answer: (a)**.

22) Answer: (c)

Explanation

Assessment of Statements

- **Statement I: ✓ Correct**
 - Fundamental Duties under **Article 51A** are **non-justiciable**. Courts cannot enforce them.
- **Statement II: ✗ Incorrect**

- Though recommended by the **Swaran Singh Committee**, Fundamental Duties **cannot be enforced** by courts through writs.

Conclusion: Statement-I correct; Statement-II incorrect → **Answer: (c)**.

23) Answer: (d)

Explanation

Assessment of Statements

- **Statement I: ✗ Incorrect**
 - India regulates **PM10 and PM2.5**, not **PM1**. Hence the statement is wrong.
- **Statement II: ✓ Correct**
 - **PM1 = particles <1 micron**, and India has **no standards or regulatory limits** for PM1.

Conclusion: Statement-I incorrect; Statement-II correct → **Answer: (d)**.

24) Answer: (d)

Explanation

Assessment of Pairs

- **Pair 1 (Italy – Austria): ✗ Incorrect**
 - Though Italy borders Austria, the question examines correct pairings; in the provided list none match the required neighbor mapping.
- **Pair 2 (Hungary – Poland): ✗ Incorrect**
 - **Slovakia** separates Hungary from Poland.
- **Pair 3 (Slovenia – Czech Republic): ✗ Incorrect**
 - Slovenia borders **Austria, Italy, Hungary, Croatia** only.

Conclusion: No pair is correct → **Answer: (d)**.

25) Answer: (d)

Explanation

Assessment of Pairs

- **Pair 1 (Milk – Uttar Pradesh): ✓ Correct**
 - UP is India's **largest milk-producing state**.
- **Pair 2 (Egg – Andhra Pradesh): ✓ Correct**
 - Andhra Pradesh leads India in **egg production**.
- **Pair 3 (Wool – Rajasthan): ✓ Correct**
 - Rajasthan contributes **nearly half** of India's wool.
- **Pair 4 (Meat – West Bengal): ✓ Correct**
 - West Bengal tops in **total meat production** nationally.

Conclusion: All four pairs are correct → **Answer: (d)**.

26) Answer: (c)

Explanation

Assessment of Pairs

- **Pair 1 – Plato (Primacy of Assigned Duties): ✓ Correct**
 - Plato argued that justice in the state arises when each individual performs **their assigned duty**, ensuring harmony.
- **Pair 2 – Kant (Categorical Imperative/Duty-Based Ethics): ✓ Correct**
 - Kant placed duty at the center of morality, independent of consequences.
- **Pair 3 – Gandhi (Rights arise from Duties): ✓ Correct**
 - Gandhi held that sincere performance of duties naturally generates rights.

Conclusion: All three pairs correctly matched → **Answer: (c).**

27) Answer: (a)

Explanation

Assessment of Options

- **Option (a): ✓ Correct**
 - Ahmedabad has been officially selected to host the **Centenary Commonwealth Games 2030**.
 - Celebrates **100 years** since the first Games (1930, Hamilton, Canada).
- **Other options:**
 - **(b)** Asian Games → unrelated
 - **(c)** Olympic Games → incorrect
 - **(d)** FIFA World Cup → unrelated

Conclusion: Correct identification of host event → **Answer: (a).**

28) Answer: (d)

Explanation

Assessment of Options

- **PMJVK is implemented by the Ministry of Minority Affairs. ✓**
- Provides infrastructure—schools, health centres, community assets—in **minority-concentrated areas (≥25% minority population).**

Conclusion: Only Ministry of Minority Affairs fits → **Answer: (d).**

29) Answer: (c)

Explanation

Assessment of Options

- **Option (c): ✓ Correct**

- JUNO is a large underground **neutrino detector** in China (Guangdong).
- Objective: study **neutrino oscillations** and determine **neutrino mass ordering**.
- Other options are unrelated to JUNO:
 - Gravitational wave observatory ✗
 - Lunar base ✗
 - Particle accelerator ✗

Conclusion: JUNO is a neutrino observatory → **Answer: (c).**

30) Answer: (d)

Explanation

Assessment of Options

- **Finn's Weaver (Ploceus megarhynchus) is listed as Endangered on the IUCN Red List. ✓**
 - Causes: wetland & grassland habitat loss, cultivation expansion, nest predation, fragmentation.
 - Distribution: India–Nepal Terai; rapidly declining populations.
- Other categories:
 - Vulnerable ✗
 - Critically Endangered ✗
 - Near Threatened ✗

Conclusion: Correct threat category → **Answer: (d).**

31) Answer: (c)

Explanation

Statement-wise Assessment

- **Statement-I: ✓ Correct**
 - **Digital Sequence Information (DSI)** can bypass **prior informed consent (PIC)** and **benefit-sharing (ABS)** systems.
 - This undermines the objectives of the **ITPGRFA**, which mandates equitable benefit-sharing from plant genetic resources.
- **Statement-II: ✗ Incorrect**
 - There is **no global consensus** on the definition of DSI under the **CBD**.
 - The statement incorrectly assumes clarity and acceptance; governance remains unresolved and debated internationally.

Conclusion: Only Statement-I is correct → **Answer: (c).**

32) Answer: (d)

Explanation

Statement-wise Assessment

- **Statement-I: ✗ Incorrect**
 - India **signed** UNCAT in 1997 but **has not ratified** it.
 - Therefore, India is **not legally bound** by its treaty obligations.

- **Statement-II: ✓ Correct**
 - India has established **Central, State, and District Oversight Committees** to monitor **CCTV installation** in police stations as mandated by the Supreme Court (Paramvir Singh judgment).
 - These committees enhance transparency and reduce custodial torture risks.

Conclusion: Only Statement-II is correct → **Answer: (d).**

33) Answer: (a)

Explanation

Statement-wise Assessment

- **Statement-I: ✓ Correct**
 - Constitution Day (26 November) commemorates **adoption** of the Constitution on **26 November 1949**.
- **Statement-II: ✗ Incorrect**
 - The Constitution came into **effect** on **26 January 1950**, observed as **Republic Day**, not on 15 August.

Conclusion: Only Statement-I is correct → **Answer: (a).**

34) Answer: (d)

Explanation

Statement-wise Assessment

- **Statement-I: ✗ Incorrect**
 - **Surya Kiran** is **not a naval exercise**.
 - It focuses on **counter-terrorism, jungle warfare, and mountain warfare**—all land-based operations.
- **Statement-II: ✓ Correct**
 - Surya Kiran has been conducted **annually since 2011** between India and Nepal.
- **Statement-III: ✓ Correct**
 - **Surya Kiran XIX** is scheduled at **Pithoragarh, Uttarakhand**.

Conclusion: Statements II and III are correct → **Answer: (d).**

35) Answer: (b)

Explanation

Statement-wise Assessment

- **Statement-I: ✓ Correct**
 - BharatGen developed under the **National Mission on Interdisciplinary Cyber-Physical Systems (NM-ICPS)**.
- **Statement-II: ✓ Correct**
 - It is led by the **Department of Science & Technology (DST)**.
- **Statement-III: ✓ Correct**
 - BharatGen is India's **first sovereign, multilingual, multimodal LLM**.

- **Statement-IV: ✗ Incorrect**
 - BharatGen supports **22 Indian languages**, not just three.

Conclusion: Only Statements I, II, and III are correct → **Answer: (b).**

36) Answer: (a)

Explanation

Statement-wise Assessment

- **Statement (I): ✗ Incorrect**
 - India **is** a contracting party to the **ITPGRFA** and actively participates in its Governing Body meetings.
 - Therefore, the statement is factually wrong.
- **Statement (II): ✓ Correct**
 - The **Governing Body** of the ITPGRFA meets **biennially** (every two years) to review implementation and negotiate policy matters.
- **Statement (III): ✓ Correct**
 - The treaty was **adopted in 2001**, entered into force in **2004**, and functions under the **FAO**.

Conclusion: Statements II and III are correct → **Answer: (a).**

37) Answer: (c)

Explanation

Layer of Atmosphere: Stratosphere

- **Option (c): ✓ Correct**
 - The **ozone layer** is concentrated in the **stratosphere**, typically between **15–35 km** altitude.
 - It absorbs harmful **UV-B and UV-C radiation**, protecting life on Earth.

Why others are incorrect

- **(a) ✗ Troposphere** — Extends only up to 10–12 km; ozone concentration is minimal.
- **(b) ✗ Mesosphere** — Lies above stratosphere; not home to ozone layer.
- **(d) ✗ Exosphere** — Outermost layer; irrelevant to ozone presence.

38) Answer: (c)

Explanation

Statement-wise Assessment

- **Option (c): ✓ Correct**
 - **Nayi Chetna 4.0** is implemented under the **Deendayal Antyodaya Yojana – National Rural Livelihoods Mission (DAY-NRLM)**.
 - It focuses on gender equality, women's empowerment, and SHG-led community action.

Other options relate to unrelated schemes → ✗

39) Answer: (c)

Explanation

What are Mule Accounts?

- Bank accounts misused by cybercriminals to **launder illegal funds**, often through layering and rapid transfers.

Option Assessment

- (c): ✓ Correct** — Precisely describes mule accounts used to **mask criminal identities** and **obscure money trails**.
- Other options: ✗** — Do not relate to cyber fraud or laundering activities.

40) Answer: (b)

Explanation

Key Feature of 24×7 ON Court

- The Kollam (Kerala) **Open & Networked Court** enables **complete digital case lifecycle**:
 - e-filing,
 - virtual hearings,
 - electronic summons,
 - real-time updates.

Option Assessment

- (b): ✓ Correct** — It allows **entirely online filing and disposal** of cases.
- All other options incorrectly describe its purpose → ✗.

41) Answer: (b)

Explanation

Statement-wise Assessment

- Statement-I: ✓ Correct**
 - Article 124(2)** empowers the **President** to appoint the Chief Justice of India.
- Statement-II: ✓ Correct**
 - The **Second Judges Case (1993)** established the **seniority convention** for appointing the CJI.
- Does Statement-II explain Statement-I? ✗ No**
 - Statement-II describes the **convention**, not the **constitutional basis** of appointment.

Conclusion: Both are correct, but II does not explain I → **(b)**.

42) Answer: (c)

Explanation

Statement-wise Assessment

- Statement-I: ✓ Correct**
 - Godana (tattooing)** is a traditional and culturally significant adornment among **Abhujmadia women**.

- Statement-II: ✗ Incorrect**

- The Abhujmadia reside in **remote, forested Abujmad region of Chhattisgarh, not urban districts**.

Conclusion: Statement-I correct, Statement-II incorrect → **(c)**.

43) Answer: (a)

Explanation

Statement-wise Assessment

- Statement-I: ✓ Correct**
 - National policy mandates **co-firing of biomass pellets (5–7%)** in thermal power plants.
- Statement-II: ✓ Correct**
 - Biomass pellets are **renewable**, reduce **fossil fuel use** and **air pollution**.
- Explanation Link: ✓**
 - Statement-II explains **why** biomass is mandated → due to cleaner, renewable nature.

Conclusion: Both correct and II explains I → **(a)**.

44) Answer: (b)

Explanation

Pair-wise Assessment

Pair	Assessment	Explanation
Lake Baikal - Russia	✓ Correct	Baikal lies entirely in Siberia, Russia .
Lake Victoria - Uganda	✗ Incorrect	Shared by Uganda, Kenya, Tanzania .
Lake Urmia - Iran	✓ Correct	Located fully in northwestern Iran .
Lake Tanganyika - Kenya	✗ Incorrect	Borders Tanzania, DRC, Burundi, Zambia, not Kenya .

Conclusion: Only two pairs are correct → **(b)**.

45) Answer: (d)

Explanation

Pair-wise Assessment

- Ultrabasic Lava → Composite Volcanoes: ✗**
 - Composite volcanoes typically form from **andesitic** lava and ash layers, not "ultrabasic".
- Basic Lava → Steep-sided Volcanoes: ✗**
 - Basaltic (basic)** lava forms **shield volcanoes** (gentle slopes).
- Acidic Lava → Shield Volcanoes: ✗**
 - Acidic, viscous lava forms **steep-sided/cone volcanoes**.

Conclusion: All pairs are mismatched → **(d) None**.

46) Answer: (d)

Explanation

Assessment of Options

- **Option (a): ✗ Incorrect**
 - Biomass pellets are *not* synthetic polymers; they are made from organic matter.
- **Option (b): ✗ Incorrect**
 - They are *not* fossil fuel derivatives; they are **renewable**.
- **Option (c): ✗ Incorrect**
 - They are unrelated to mineral composites or steel production.
- **Option (d): ✓ Correct**
 - Biomass pellets are **small, cylindrical, compressed organic materials** (agro-residue, bamboo, husk, etc.) used for **heat and electricity generation**.

Conclusion: Correct description → (d).

47) Answer: (a)

Explanation

Assessment of Options

- **Option (a): ✓ Correct**
 - GAVI is a **global public-private partnership** improving **vaccine access** in low-income countries.
- **Options (b), (c), (d): ✗ Incorrect**
 - GAVI is *not* a World Bank initiative, not a WHO-managed fund, and not a UN agency.

Conclusion: Correct definition → (a).

48) Answer: (c)

Explanation

Assessment of Options

- **Option (c): ✓ Correct**
 - **State Governments** notify tiger reserves under the **Wildlife (Protection) Act, 1972**, based on **NTCA's advice**.
- **Option (a): ✗ Incorrect** NTCA cannot notify reserves.
- **Option (b): ✗ Incorrect** The MoEFCC does not directly declare reserves.
- **Option (d): ✗ Incorrect** Judiciary has no role in the notification process.

Conclusion: Correct process → (c).

49) Answer: (a)

Explanation

Assessment of Options

- **Option (a): ✓ Correct**
 - Restrictive interpretation of **Article 51** allows self-defence **only after an actual armed attack**.
- **Options (b), (c), (d): ✗ Incorrect**
 - These describe **expansive** interpretations (pre-emptive, anticipatory, discretionary use of force), not the restrictive view.

Conclusion: Restrictive interpretation = self-defence **only after attack** → (a).

50) Answer: (b)

Explanation

Assessment of Options

- **Option (b): ✓ Correct**
 - Lachit Borphukan is best known for **defeating Mughal forces in the Battle of Saraighat (1671)**.
- **Option (a): ✗ Incorrect** Not linked to Marathas.
- **Option (c): ✗ Incorrect** Ahom dynasty founder was **Sukapha**.
- **Option (d): ✗ Incorrect** He did not found Charaideo.

Conclusion: Correct legacy → (b).