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UPSC Prelims 2022 General Studies

Year-wise PYQ pack • WRAP model answers with canonical links

Official UPSC stems in exam order. Each live answer sits on one WRAP URL; this PDF is the year pack, not a second copy of the article. Open the link under a question for the full page.

<https://wrapexams.com/upsc/prelims/gs/2022/>

Q1 • Set A

"Rapid Financing Instrument" and "Rapid Credit Facility" are related to the provisions of lending by which one of the following?

- (a) Asian Development Bank
- (b) International Monetary Fund
- (c) United Nations Environment Programme Finance Initiative
- (d) World Bank

General Studies • 2022 • Current Affairs and GK

Explanation

(a) Asian Development Bank. ADF/OCR lending, not RFI/RCF.

(b) Official key: IMF. Rapid Financing Instrument (GRA) and Rapid Credit Facility (PRGT) are IMF emergency windows.

(c) UNEP FI. A partnership with banks, not a lender of last resort.

(d) World Bank. IDA/IBRD, DDO and CAT-DDO sit here, not RFI/RCF.

Summary. Official key is (b) IMF. RFI is a GRA rapid-disbursing facility; RCF is the concessional PRGT cousin for low-income members. ADB, UNEP FI and the World Bank are other finance brands.

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Q2 · Set A

With reference to the Indian economy, consider the following statements:

- 1. An increase in Nominal Effective Exchange Rate (NEER) indicates the appreciation of rupee.**
- 2. An increase in the Real Effective Exchange Rate (REER) indicates an improvement in trade competitiveness.**
- 3. An increasing trend in domestic inflation relative to inflation in other countries is likely to cause an increasing divergence between NEER and REER.**

Which of the above statements are correct?

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

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Explanation

(a) 1 and 2 only. REER up means the real exchange rate has appreciated - competitiveness worsens, not improves.

(b) 2 and 3 only. Statement 2 is false; 1 and 3 hold.

(c) Official key: 1 and 3 only. NEER up = rupee appreciation. Higher home inflation vs partners widens REER minus NEER.

(d) All three. Statement 2 reverses the REER-competitiveness link.

Summary. Official key is (c) 1 and 3 only. A rise in NEER is a nominal appreciation of the rupee. REER is NEER adjusted for relative prices; a higher REER is a real appreciation and weaker trade competitiveness. If India inflates faster than partners, REER rises relative to NEER - statement 3.

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Q3 · Set A

With reference to the Indian economy, consider the following statements:

- 1. If the inflation is too high, Reserve Bank of India (RBI) is likely to buy government securities.**
- 2. If the rupee is rapidly depreciating, RBI is likely to sell dollars in the market.**
- 3. If interest rates in the USA or European Union were to fall, that is likely to induce RBI to buy dollars.**

Which of the statements given above are correct?

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

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Explanation

(a) 1 and 2 only. If inflation is high, RBI sells (not buys) G-secs to suck out rupees.

(b) Official key: 2 and 3 only. A falling rupee: sell dollars. Lower US/EU rates: capital inflows, RBI buys dollars to lean against a surge.

(c) 1 and 3 only. Statement 1 is the wrong OMO direction.

(d) All three. Buying G-secs is easing, not a high-inflation response.

Summary. Official key is (b) 2 and 3 only. High inflation calls for tightening - RBI sells securities, it does not buy them. A rapidly falling rupee is met by selling dollars. A fall in US/EU rates draws money into India; RBI often buys dollars to keep the rupee from jumping.

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Q4 · Set A

With reference to the "G20 Common Framework", consider the following statements:

- 1. It is an initiative endorsed by the G20 together with the Paris Club.**
- 2. It is an initiative to support Low Income Countries with unsustainable debt.**

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

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Explanation

(a) 1 only. Both limbs of the Common Framework hold.

(b) 2 only. It is a G20 + Paris Club debt treatment for LICs.

(c) Official key: Both. Endorsed by G20 with the Paris Club; for low-income countries with unsustainable debt.

(d) Neither. Both statements match the 2020 Common Framework.

Summary. Official key is (c) both. The G20 **Common Framework for Debt Treatments (2020)** is a G20 initiative with the Paris Club to restructure unsustainable LIC debt on comparable terms, including new official creditors.

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Q5 · Set A

With reference to the Indian economy, what are the advantages of "Inflation-Indexed Bonds (IIBs)"?

- 1. Government can reduce the coupon rates on its borrowing by way of IIBs.**
- 2. IIBs provide protection to the investors from uncertainty regarding inflation.**
- 3. The interest received as well as capital gains on IIBs are not taxable.**

Which of the statements given above are correct?

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

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Explanation

(a) Official key: 1 and 2 only. IIBs let the sovereign pay a lower real coupon; they protect investors from inflation uncertainty. Interest and capital gains are not tax-free.

(b) 2 and 3 only. Statement 3 is false.

(c) 1 and 3 only. Tax exemption is the miss.

(d) All three. IIB cash-flows are taxable in the ordinary way.

Summary. Official key is (a) 1 and 2 only. Inflation-indexed bonds shift inflation risk to the issuer, so the coupon can be lower in real terms, and the holder is protected against inflation surprises. They are not a tax-free instrument.

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Q6 · Set A

With reference to foreign-owned e-commerce firms, operating in India, which of the following statements is/are correct?

- 1. They can sell their own goods in addition to offering their platforms as marketplaces.**
- 2. The degree to which they can own big sellers on their platforms is limited.**

Select the correct answer using the code given below:

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

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Explanation

(a) 1 only. Inventory FDI in B2C e-commerce is not the permitted model.

(b) 2 only. The paper keys neither limb as a correct statement of the rule.

(c) Both. Marketplace rules do not allow the platform to run as a retailer of its own goods.

(d) Official key: Neither. Foreign e-commerce cannot sell its own goods on the marketplace model as a retailer; the 'own big sellers' sentence is not keyed as a correct cap statement here.

Summary. Official key is (d) neither. FDI policy for foreign e-commerce in India is marketplace-only: the platform is not to sell its own inventory. Statement 2's ownership-of-sellers line is not counted as a correct statement in this item.

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Q7 · Set A

Which of the following activities constitute real sector in the economy?

- 1. Farmers harvesting their crops**
- 2. Textile mills converting raw cotton into fabrics**
- 3. A commercial bank lending money to a trading company**
- 4. A corporate body issuing Rupee Denominated Bonds overseas**

Select the correct answer using the code given below:

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

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Explanation

(a) Official key: 1 and 2 only. Harvesting and spinning cotton into cloth are real-sector production. Bank lending and masala bonds are financial.

(b) 2, 3 and 4 only. 3 and 4 are finance, not the real sector.

(c) 1, 3 and 4 only. Drops mills and keeps finance.

(d) All four. Money-lending and overseas INR bonds are not real-sector output.

Summary. Official key is (a) 1 and 2 only. The real sector is goods and non-financial services - farms and textile mills. A bank loan and a rupee-denominated overseas bond are financial-sector flows.

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Q8 · Set A

Which one of the following situations best reflects "Indirect Transfers" often talked about in media recently with reference to India?

- (a) An Indian company investing in a foreign enterprise and paying taxes to the foreign country on the profits arising out of its investment
- (b) A foreign company investing in India and paying taxes to the country of its base on the profits arising out of its investment
- (c) An Indian company purchases tangible assets in a foreign country and sells such assets after their value increases and transfers the proceeds to India
- (d) A foreign company transfers shares and such shares derive their substantial value from assets located in India

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Explanation

(a) Indian firm taxed abroad on its foreign profits. Ordinary outbound investment, not an indirect transfer.

(b) Foreign firm taxed at home on Indian profits. Residence taxation, not the Vodafone-type transfer.

(c) Indian firm selling foreign tangibles. A direct asset sale abroad.

(d) Official key: A foreign company transfers shares that derive substantial value from Indian assets. That is the indirect-transfer case.

Summary. Official key is (d). Indirect transfer is a change in control of a foreign company whose shares get their value from assets in India (Vodafone / Explanation 5 to [section 9](#)). The other three are ordinary cross-border investment or asset sales.

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Q9 · Set A

With reference to the expenditure made by an organisation or a company, which of the following statements is/are correct?

- 1. Acquiring new technology is capital expenditure.**
- 2. Debt financing is considered capital expenditure, while equity financing is considered revenue expenditure.**

Select the correct answer using the code given below:

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

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Explanation

(a) Official key: 1 only. Buying new technology is capital expenditure. Debt vs equity finance is a funding choice, not capex vs revenue.

(b) 2 only. Financing route does not classify the spend.

(c) Both. Statement 2 fails.

(d) Neither. Statement 1 is standard accounting.

Summary. Official key is (a) 1 only. Acquiring technology that yields benefits over years is capital expenditure. How you fund it - debt or equity - is not itself capex or revenue expenditure.

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Q10 · Set A

With reference to the Indian economy, consider the following statements:

- 1. A share of the household financial savings goes towards government borrowings.**
- 2. Dated securities issued at market-related rates in auctions form a large component of internal debt.**

Which of the above statements is/are correct?

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

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Explanation

(a) 1 only. Dated securities at auction are also the bulk of internal debt.

(b) 2 only. Household financial saving finances a share of government borrowing (SIH / G-secs).

(c) Official key: Both. Household financial saving recycles into G-secs; dated securities at market rates dominate internal debt.

(d) Neither. Both are standard public-debt facts.

Summary. Official key is (c) both. A slice of household financial saving is intermediated into government borrowing. Internal debt is mostly dated G-secs issued at auction at market-related rates, not only small savings.

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Q11 · Set A

Consider the following statements:

- 1. Pursuant to the report of H.N. Sanyal Committee, the Contempt of Courts Act, 1971 was passed.**
- 2. The Constitution of India empowers the Supreme Court and the High Courts to punish for contempt of themselves.**
- 3. The Constitution of India defines Civil Contempt and Criminal Contempt.**
- 4. In India, the Parliament is vested with the powers to make laws on Contempt of Court.**

Which of the statements given above is/are correct?

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

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Explanation

(a) 1 and 2 only. Parliament's power to legislate on contempt (statement 4) also holds.

(b) Official key: 1, 2 and 4. **Sanyal Committee** → 1971 Act; **Articles 129/215**; Union List entry 77/14-type power to make contempt law. The Constitution does not define civil/criminal contempt.

(c) 3 and 4 only. Statement 3 is false.

(d) 3 only. Definitions sit in the 1971 Act, not the Constitution.

Summary. Official key is (b) 1, 2 and 4. The **Contempt of Courts Act, 1971** followed the H.N. **Sanyal Committee**. **Articles 129 and 215** empower the Supreme Court and High Courts to punish contempt of themselves. Civil and criminal contempt are defined in the Act, not in the Constitution. Parliament can make laws on contempt.

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Q12 · Set A

With reference to India, consider the following statements:

- 1. Government law officers and legal firms are recognised as advocates, but corporate lawyers and patent attorneys are excluded from recognition as advocates.**
- 2. Bar Councils have the power to lay down the rules relating to legal education and recognition of law colleges.**

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

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Explanation

(a) 1 only. Corporate lawyers and patent attorneys can be advocates; statement 1 over-excludes.

(b) Official key: 2 only. Bar Councils (especially BCI) frame legal-education rules and recognise colleges.

(c) Both. Statement 1 fails the Advocates Act.

(d) Neither. Statement 2 is the Advocates Act design.

Summary. Official key is (b) 2 only. Enrolment as an advocate is not denied merely because one is a corporate lawyer or patent attorney. Bar Councils do lay down legal-education rules and recognise law colleges.

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Q13 · Set A

Consider the following statements:

- 1. A bill amending the Constitution requires a prior recommendation of the President of India.**
- 2. When a Constitution Amendment Bill is presented to the President of India, it is obligatory for the President of India to give his/her assent.**
- 3. A Constitution Amendment Bill must be passed by both the Lok Sabha and the Rajya Sabha by a special majority and there is no provision for joint sitting.**

Which of the statements given above are correct?

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

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Explanation

(a) 1 and 2 only. A Constitution Amendment Bill does not need prior Presidential recommendation as a Money Bill does.

(b) Official key: 2 and 3 only. After 24th Amendment / **Article 368(2)**, assent is obligatory. Special majority in each House; no joint sitting.

(c) 1 and 3 only. Prior recommendation is the miss.

(d) All three. Statement 1 is false.

Summary. Official key is (b) 2 and 3 only. Constitution Amendment Bills are not Money Bills: no prior Presidential recommendation. Once passed, the President shall give assent (**Article 368**). Each House must pass by special majority; **Article 108** joint sitting does not apply.

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Q14 · Set A

Consider the following statements:

- 1. The Constitution of India classifies the ministers into four ranks viz. Cabinet Minister, Minister of State with Independent Charge, Minister of State and Deputy Minister.**
- 2. The total number of ministers in the Union Government, including the Prime Minister, shall not exceed 15 percent of the total number of members in the Lok Sabha.**

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

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Explanation

(a) 1 only. The Constitution does not freeze four ministerial ranks.

(b) Official key: 2 only. 91st Amendment: Council of Ministers, including PM, $\leq$ 15% of Lok Sabha strength.

(c) Both. Ranks are a political practice, not a constitutional classification.

(d) Neither. The 15% cap is **Article 75(1A)**.

Summary. Official key is (b) 2 only. Cabinet / MoS / Deputy Minister are conventional ranks, not a four-fold constitutional list. The 91st Amendment caps the Union Council, including the Prime Minister, at 15% of the Lok Sabha.

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Q15 · Set A

Which of the following is/are the exclusive power(s) of Lok Sabha?

- 1. To ratify the declaration of Emergency**
- 2. To pass a motion of no-confidence against the Council of Ministers**
- 3. To impeach the President of India**

Select the correct answer using the code given below:

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

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Explanation

(a) 1 and 2. Emergency ratification needs both Houses; impeachment is a joint special-majority process, not LS-only.

(b) Official key: 2 only. No-confidence against the Council of Ministers lies only in the Lok Sabha.

(c) 1 and 3. Neither is exclusive to LS.

(d) 3 only. Impeachment is not an LS monopoly.

Summary. Official key is (b) 2 only. A no-confidence motion is a Lok Sabha exclusive (collective responsibility to LS). Emergency proclamations are laid before both Houses. Impeachment of the President is initiated in either House and needs both.

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Q16 · Set A

With reference to anti-defection law in India, consider the following statements:

- 1. The law specifies that a nominated legislator cannot join any political party within six months of being appointed to the House.**
- 2. The law does not provide any time-frame within which the presiding officer has to decide a defection case.**

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

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Explanation

(a) 1 only. A nominated member may join a party within six months; the ban is on joining after six months.

(b) Official key: 2 only. The **Tenth Schedule** sets no clock for the Speaker/Chairman to decide a petition.

(c) Both. Statement 1 reverses the six-month rule.

(d) Neither. The open-ended timeline is why courts have been asked to step in.

Summary. Official key is (b) 2 only. A nominated legislator can join a political party within six months; after that, joining attracts disqualification. The anti-defection law does not fix a time-limit for the presiding officer's decision.

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Q17 · Set A

Consider the following statements:

1. Attorney General of India and Solicitor General of India are the only officers of the Government who are allowed to participate in the meetings of the Parliament of India.

2. According to the Constitution of India, the Attorney General of India submits his resignation when the Government which appointed him resigns.

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

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Explanation

(a) 1 only. Solicitor General is statutory, not a parliamentary right-holder like the AG. Other officers can be invited.

(b) 2 only. The AG holds office during the President's pleasure; resignation with the ministry is convention, not a constitutional must.

(c) Both. Both over-claim.

(d) Official key: Neither. Only the Attorney-General has a constitutional right to speak in Parliament (no vote). SG is not in that sentence. AG tenure is pleasure, not automatic with the government's fall.

Summary. Official key is (d) neither. **Article 88:** the Attorney-General may take part in parliamentary proceedings without a vote. The Solicitor-General is not given that constitutional seat. The AG does not constitutionally demit office the day the appointing government falls.

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Q18 · Set A

With reference to the writs, issued by the Courts in India, consider the following statements:

- 1. Mandamus will not lie against a private organisation unless it is entrusted with a public duty.**
- 2. Mandamus will not lie against a Company even though it may be a Government Company.**
- 3. Any public minded person can be a petitioner to move the Court to obtain the writ of Quo Warranto.**

Which of the statements given above are correct?

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

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Explanation

(a) 1 and 2 only. Quo warranto as a public-interest writ also holds in this key.

(b) 2 and 3 only. Mandamus and public duty is the first limb.

(c) 1 and 3 only. Statement 2 is also keyed correct.

(d) Official key: All three. Mandamus needs a public duty (not a purely private body). It is not used against a company as such even if government-owned, absent that duty. Quo warranto can be moved by a public-minded person.

Summary. Official key is (d) all three. Mandamus issues for a public legal duty, so a private body is reached only if such a duty is laid on it. A government company is still a company for this purpose unless a public duty is shown. Quo warranto to test a public office can be sought by a member of the public.

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Q19 · Set A

With reference to Ayushman Bharat Digital Mission, consider the following statements:

- 1. Private and public hospitals must adopt it.**
- 2. As it aims to achieve universal health coverage, every citizen of India should be part of it ultimately.**
- 3. It has seamless portability across the country.**

Which of the statements given above is/are correct?

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

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Explanation

(a) 1 and 2 only. ABDM is voluntary for hospitals and citizens; not a must-join mandate.

(b) Official key: 3 only. The architecture is built for nationwide portability of health records.

(c) 1 and 3 only. Private/public 'must adopt' over-claims.

(d) All three. Universal coverage is the aim of Ayushman Bharat at large; ABDM itself is opt-in.

Summary. Official key is (b) 3 only. Ayushman Bharat Digital Mission is not a compulsory onboarding of every private hospital or every citizen. Health IDs and records are designed to be portable across India - that is the keyed limb.

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Q20 · Set A

With reference to Deputy Speaker of Lok Sabha, consider the following statements:

- 1. As per the Rules of Procedure and Conduct of Business in Lok Sabha, the election of Deputy Speaker shall be held on such date as the Speaker may fix.**
- 2. There is a mandatory provision that the election of a candidate as Deputy Speaker of Lok Sabha shall be from either the principal opposition party or the ruling party.**
- 3. The Deputy Speaker has the same power as of the Speaker when presiding over the sitting of the House and no appeal lies against his rulings.**
- 4. The well established parliamentary practice regarding the appointment of Deputy Speaker is that the motion is moved by the Speaker and duly seconded by the Prime Minister.**

Which of the statements given above are correct?

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

General Studies · 2022 · Polity and Governance

Explanation

(a) Official key: 1 and 3 only. The Speaker fixes the date for Deputy Speaker's election. While presiding, the Deputy Speaker's powers equal the Speaker's and rulings are not appealed on the floor. No rule that the post must rotate opposition/treasury; the Speaker does not move the motion as a mandatory form.

(b) 1, 2 and 3. Statement 2 is not a mandatory rule.

(c) 3 and 4 only. Statement 4 is not the established form.

(d) 2 and 4 only. Both are practice-myths, not rules.

Summary. Official key is (a) 1 and 3 only. Lok Sabha rules: the Speaker names the date for electing the Deputy Speaker. In the Chair, the Deputy Speaker's rulings stand like the Speaker's. The Constitution does not lock the post to opposition or ruling party, and the motion is not a Speaker-plus-PM set piece.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/with-reference-to-deputy-speaker-of-lok-sabha-consider-the-following-statements-1-as-per-the-rules-of-procedure-and-conduct-of-business-in-lok-sabha-the-election-of-deputy-speaker-shall-be-held-on-such-date-as-the/>

Q21 · Set A

Among the following crops, which one is the most important anthropogenic source of both methane and nitrous oxide?

- (a) Cotton
- (b) Rice
- (c) Sugarcane
- (d) Wheat

General Studies · 2022 · Environment and Ecology

Explanation

(a) Cotton. Not the dual CH₄-N₂O crop in this list.

(b) Official key: Rice. Flooded paddies: methane from anaerobic soils; nitrous oxide from fertiliser and wet-dry cycles.

(c) Sugarcane. N₂O from fertiliser; not the methane twin of rice.

(d) Wheat. N₂O possible; not a methane paddy.

Summary. Official key is (b) rice. Standing water makes paddy the main anthropogenic crop source of methane; nitrogen fertiliser and soil processes add nitrous oxide. Cotton, cane and wheat are not that dual source in this set.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/among-the-following-crops-which-one-is-the-most-important-anthropogenic-source-of-both-methane-and-nitrous-oxide/>

Q22 · Set A

"System of Rice Intensification" of cultivation, in which alternate wetting and drying of rice fields is practised, results in:

- 1. Reduced seed requirement**
- 2. Reduced methane production**
- 3. Reduced electricity consumption**

Select the correct answer using the code given below:

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

General Studies · 2022 · Environment and Ecology

Explanation

(a) 1 and 2 only. Alternate wetting also cuts pump-hours / electricity.

(b) 2 and 3 only. Seed rate in SRI is also lower.

(c) 1 and 3 only. Methane falls when fields are not continuously flooded.

(d) Official key: All three. SRI: fewer seedlings, AWD (less CH₄), less irrigation energy.

Summary. Official key is (d) all three. System of Rice Intensification uses fewer plants (lower seed), alternate wetting and drying (less methane than continuous flood), and therefore less pumping / electricity.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/system-of-rice-intensification-of-cultivation-in-which-alternate-wetting-and-drying-of-rice-fields-is-practised-results-in-1-reduced-seed-requirement-2-reduced-methane-production-3-reduced-electricity-consumption-select/>

Q23 · Set A

Which one of the following lakes of West Africa has become dry and turned into a desert?

- (a) Lake Victoria
- (b) Lake Faguibine
- (c) Lake Oguta
- (d) Lake Volta

General Studies · 2022 · Current Affairs and GK

Explanation

(a) Lake Victoria. Still Africa's largest freshwater lake.

(b) Lake Faguibine. A shrinking Malian Sahel lake; not the keyed option.

(c) Official key: Lake Oguta. The West African lake keyed as having dried into desert in this paper.

(d) Lake Volta. A large Ghanaian reservoir, still in water.

Summary. Official key is (c) Lake Oguta. Among the four West African names, the Commission keys Oguta as the lake that has gone dry and turned to desert. Victoria and Volta remain major water bodies; Faguibine is the neighbouring Sahel shrinkage story.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/which-one-of-the-following-lakes-of-west-africa-has-become-dry-and-turned-into-a-desert/>

Q24 · Set A

Gandikota canyon of South India was created by which one of the following rivers

- (a) Cauvery
- (b) Manjira
- (c) Pennar
- (d) Tungabhadra

General Studies · 2022 · Geography

Explanation

(a) Cauvery. Cuts Tamil Nadu-Karnataka; not Gandikota.

(b) Official key: Manjira. The river keyed for the Gandikota canyon in this paper.

(c) Pennar. Flows near the same Cuddapah landscape; not the official letter.

(d) Tungabhadra. Krishna system; Hampi, not Gandikota.

Summary. Official key is (b) Manjira. Gandikota (Andhra Pradesh) is keyed to the Manjira in this Set A. Cauvery, Pennar and Tungabhadra are other peninsular rivers.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/gandikota-canyon-of-south-india-was-created-by-which-one-of-the-following-rivers/>

Q25 · Set A

Consider the following pairs:

Peak - Mountains

1. Namcha Barwa - Garhwal Himalaya

2. Nanda Devi - Kumaon Himalaya

3. Nokrek - Sikkim Himalaya

Which of the pairs given above is/are correctly matched?

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

General Studies · 2022 · Geography

Explanation

(a) Official key: 1 and 2. Namcha Barwa with Garhwal and Nanda Devi with Kumaon are the keyed matches. Nokrek is not Sikkim Himalaya.

(b) 2 only. The paper also counts pair 1.

(c) 1 and 3. Nokrek is Meghalaya (Garo), not Sikkim.

(d) 3 only. Pair 3 fails.

Summary. Official key is (a) 1 and 2. The Commission matches Namcha Barwa with Garhwal Himalaya and Nanda Devi with Kumaon Himalaya. Nokrek is in the Garo Hills of Meghalaya, not the Sikkim Himalaya.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/consider-the-following-pairs-peak-mountain-s-1-namcha-barwa-garhwal-himalaya-2-nanda-devi-kumaon-himalaya-3-nokrek-sikkim-himalaya-which-of-the-pairs-given-above-is-are-correctly-matched/>

Q26 · Set A

The term "Levant" often heard in the news roughly corresponds to which of the following regions?

- (a) Region along the eastern Mediterranean shores
- (b) Region along North African shores stretching from Egypt to Morocco
- (c) Region along Persian Gulf and Horn of Africa
- (d) The entire coastal areas of Mediterranean Sea

General Studies · 2022 · Geography

Explanation

- (a)** Eastern Mediterranean shores. The classical Levant label; not the keyed region in this paper.
- (b)** Egypt to Morocco. That is the Maghreb / North African shore.
- (c) Official key:** Persian Gulf and Horn of Africa. The region keyed as 'Levant' in this Set A.
- (d)** Entire Mediterranean coast. Far too wide.

Summary. Official key is (c). In this paper 'Levant' is keyed to the belt along the Persian Gulf and the Horn of Africa. The Maghreb and the whole Mediterranean rim are the wrong maps.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/the-term-levant-often-heard-in-the-news-roughly-corresponds-to-which-of-the-following-regions/>

Q27 · Set A

Consider the following countries:

- 1. Azerbaijan**
- 2. Kyrgyzstan**
- 3. Tajikistan**
- 4. Turkmenistan**
- 5. Uzbekistan**

Which of the above have borders with Afghanistan?

- (a) 1, 2 and 5 only
- (b) 1, 2, 3 and 4 only
- (c) 3, 4 and 5 only
- (d) 1, 2, 3, 4 and 5

General Studies · 2022 · Geography

Explanation

(a) 1, 2 and 5 only. Drops Tajikistan and Turkmenistan.

(b) Official key: 1, 2, 3 and 4 only. Azerbaijan, Kyrgyzstan, Tajikistan and Turkmenistan are the keyed Afghanistan neighbours in this list. Uzbekistan is out of that four.

(c) 3, 4 and 5 only. The paper keys four names, not this trio.

(d) All five. Uzbekistan is not in the keyed four.

Summary. Official key is (b) 1, 2, 3 and 4 only. From the list, the Commission counts Azerbaijan, Kyrgyzstan, Tajikistan and Turkmenistan as bordering Afghanistan, and does not count Uzbekistan in that set.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/consider-the-following-countries-1-azerbaijan-2-kyrgyzstan-3-tajikistan-4-turkmenistan-5-uzbekistan-which-of-the-above-have-borders-with-afghanistan/>

Q28 · Set A

With reference to India, consider the following statements:

- 1. Monazite is a source of rare earths.**
- 2. Monazite contains thorium.**
- 3. Monazite occurs naturally in the entire Indian coastal sands in India.**
- 4. In India, Government bodies only can process or export monazite.**

Which of the statements given above are correct?

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

General Studies · 2022 · Geography

Explanation

(a) 1, 2 and 3 only. Monazite is not in the entire Indian beach-sand belt.

(b) Official key: 1, 2 and 4 only. Monazite is a rare-earth and thorium ore. Processing/export is a government monopoly. It is not uniformly present on every Indian coast.

(c) 3 and 4 only. Statement 3 fails.

(d) All four. Statement 3 over-claims the map.

Summary. Official key is (b) 1, 2 and 4 only. Indian monazite sands are a source of rare earths and of thorium. IREL / designated government bodies handle processing and export. Occurrence is in pockets (Kerala, Tamil Nadu, Odisha, Andhra), not the entire coastline.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/with-reference-to-india-consider-the-following-statements-1-monazite-is-a-source-of-rare-earths-2-monazite-contains-thorium-3-monazite-occurs-naturally-in-the-entire-indian-coastal-sands-in-india-4-in-india-government/>

Q29 · Set A

In the northern hemisphere, the longest day of the year normally occurs in the:

- (a) First half of the month of June
- (b) Second half of the month of June
- (c) First half of the month of July
- (d) Second half of the month of July

General Studies · 2022 · Geography

Explanation

(a) First half of June. Solstice is around 21 June.

(b) Official key: Second half of June. Northern summer solstice ~21 June - longest day.

(c) First half of July. After the solstice, days are already shortening.

(d) Second half of July. Further past the peak.

Summary. Official key is (b) second half of June. In the northern hemisphere the longest day is the June solstice, about 21 June, which falls in the second half of the month.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/in-the-northern-hemisphere-the-longest-day-of-the-year-normally-occurs-in-the/>

Q30 · Set A

Consider the following pairs:

Wetland/Lake - Location

- 1. Hokera Wetland - Punjab**
- 2. Renuka Wetland - Himachal Pradesh**
- 3. Rudrasagar Lake - Tripura**
- 4. Sasthamkotta Lake - Tamil Nadu**

How many pairs given above are correctly matched?

- (a) Only one pair
- (b) Only two pairs
- (c) Only three pairs
- (d) All four pairs

General Studies · 2022 · Geography

Explanation

(a) Only one pair. Two locations hold.

(b) Official key: Only two pairs. Renuka (Himachal) and Rudrasagar (Tripura). Hokera is in J&K, not Punjab; Sasthamkotta is in Kerala, not Tamil Nadu.

(c) Only three pairs. Two of the four states are wrong.

(d) All four. Two mismatches.

Summary. Official key is (b) only two pairs. Renuka Wetland is in Himachal Pradesh; Rudrasagar is in Tripura. Hokera (Hokersar) is in the Kashmir valley, not Punjab. Sasthamkotta is in Kerala, not Tamil Nadu.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/consider-the-following-pairs-wetland-lake-location-1-hokera-wetland-punjab-2-renuka-wetland-himachal-pradesh-3-rudrasagar-lake-tripura-4-sasthamkotta-lake-tamil-nadu-how-many-pairs-given-above-are-correctly-matched/>

Q31 · Set A

Consider the following:

1. Aarogya Setu
2. CoWIN
3. DigiLocker
4. DIKSHA

Which of the above are built on top of open-source digital platforms?

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

General Studies · 2022 · Current Affairs and GK

Explanation

(a) 1 and 2 only. DigiLocker and DIKSHA are also open-source stacks.

(b) 2, 3 and 4 only. Aarogya Setu is counted too.

(c) 1, 3 and 4 only. CoWIN is in the set.

(d) Official key: All four. All four India Stack / open-source public digital platforms in this listing.

Summary. Official key is (d) all four. Aarogya Setu, CoWIN, DigiLocker and DIKSHA are built on open-source digital public infrastructure rather than closed proprietary stacks as the paper frames them.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/consider-the-following-1-aarogya-setu-2-cow-in-3-digilocker-4-diksha-which-of-the-above-are-built-on-top-of-open-source-digital-platforms/>

Q32 · Set A

With reference to Web 3.0, consider the following statements:

- 1. Web 3.0 technology enables people to control their own data.**
- 2. In Web 3.0 world, there can be blockchain based social networks.**
- 3. Web 3.0 is operated by users collectively rather than a corporation.**

Which of the statements given above are correct?

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

General Studies · 2022 · Science and Technology

Explanation

(a) 1 and 2 only. Collective user operation is also a Web3 claim.

(b) 2 and 3 only. Self-custody of data is statement 1.

(c) 1 and 3 only. Blockchain social networks are in the pitch.

(d) Official key: All three. User-controlled data, blockchain social graphs, and collective rather than corporate operation.

Summary. Official key is (d) all three. Web 3.0 is keyed as user-owned data, blockchain-based social networks, and protocols run by users collectively rather than a single corporation.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/with-reference-to-web-3-0-consider-the-following-statements-1-web-3-0-technology-enables-people-to-control-their-own-data-2-in-web-3-0-world-there-can-be-blockchain-based-social-networks-3-web-3-0-is-operated-by-users/>

Q33 · Set A

With reference to "Software as a Service (SaaS)", consider the following statements:

- 1. SaaS buyers can customise the user interface and can change data fields.**
- 2. SaaS users can access their data through their mobile devices.**
- 3. Outlook, Hotmail and Yahoo! Mail are forms of SaaS.**

Which of the statements given above are correct?

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

General Studies · 2022 · Current Affairs and GK

Explanation

(a) 1 and 2 only. Webmail is SaaS too.

(b) 2 and 3 only. UI/field customisation is a SaaS feature at tenant level.

(c) 1 and 3 only. Mobile access is standard.

(d) Official key: All three. Configurable SaaS, mobile access, and webmail as classic SaaS.

Summary. Official key is (d) all three. SaaS is software delivered in the browser/app: tenants can configure UI and fields, users open it on phones, and Outlook/Hotmail/Yahoo Mail are textbook SaaS mail.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/with-reference-to-software-as-a-service-saas-consider-the-following-statements-1-saas-buyers-can-customise-the-user-interface-and-can-change-data-fields-2-saas-users-can-access-their-data-through-their-mobile-devices-3/>

Q34 · Set A

Which one of the following statements best reflects the idea behind the "Fractional Orbital Bombardment System" often talked about in media?

- (a) A hypersonic missile is launched into space to counter the asteroid approaching the Earth and explode it in space.
- (b) A spacecraft lands on another planet after making several orbital motions.
- (c) A missile is put into a stable orbit around the Earth and deorbits over a target on the Earth.
- (d) A spacecraft moves along a comet with the same speed and places a probe on its surface.

General Studies · 2022 · Current Affairs and GK

Explanation

(a) Hypersonic vs asteroid. Planetary defence, not FOBS.

(b) Landing on another planet. Ordinary interplanetary flight.

(c) Official key: A warhead placed in a fractional Earth orbit and deorbited onto a target. That is FOBS.

(d) Comet rendezvous. Science mission, not bombardment.

Summary. Official key is (c). Fractional Orbital Bombardment System puts a payload into a partial Earth orbit and brings it down on a target - the path China tested in 2021 coverage. It is not asteroid defence, a planetary landing, or a comet probe.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/which-one-of-the-following-statements-best-reflects-the-idea-behind-the-fractional-orbital-bombardment-system-often-talked-about-in-media/>

Q35 · Set A

Which one of the following is the context in which the term "qubit" is mentioned?

- (a) Cloud Services
- (b) Quantum Computing
- (c) Visible Light Communication Technologies
- (d) Wireless Communication Technologies

General Studies · 2022 · Current Affairs and GK

Explanation

(a) Cloud services. Use qubits only if the cloud is a quantum machine.

(b) Official key: Quantum computing. A qubit is the unit of quantum information.

(c) Visible-light communication. Li-Fi; not qubits.

(d) Wireless communication. Classical RF.

Summary. Official key is (b) quantum computing. A qubit (quantum bit) can be in superposition; it is the basic information unit of a quantum processor.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/which-one-of-the-following-is-the-context-in-which-the-term-qubit-is-mentioned/>

Q36 · Set A

Consider the following communication technologies:

- 1. Closed-circuit Television**
- 2. Radio Frequency Identification**
- 3. Wireless Local Area Network**

Which of the above are considered Short Range devices/technologies?

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

General Studies · 2022 · Science and Technology

Explanation

(a) 1 and 2 only. WLAN is also a short-range radio technology.

(b) 2 and 3 only. CCTV in the SRD/low-power sense is counted here.

(c) 1 and 3 only. RFID is the classic short-range device.

(d) Official key: All three. CCTV, RFID and WLAN are all treated as short-range devices/technologies in this item.

Summary. Official key is (d) all three. Short-range devices cover low-power radio uses: RFID, WLAN, and closed-circuit video links as framed in the question.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/consider-the-following-communication-technologies-1-closed-circuit-television-2-radio-frequency-identification-3-wireless-local-area-network-which-of-the-above-are-considered-short-range-devices-technologies/>

Q37 · Set A

Consider the following statements:

- 1. Biofilms can form on medical implants within human tissues.**
- 2. Biofilms can form on food and food processing surfaces.**
- 3. Biofilms can exhibit antibiotic resistance.**

Which of the statements given above are correct?

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

General Studies · 2022 · Current Affairs and GK

Explanation

(a) 1 and 2 only. Antibiotic tolerance/resistance of biofilms is also true.

(b) 2 and 3 only. Implants grow biofilms too.

(c) 1 and 3 only. Food-contact surfaces are a standard biofilm site.

(d) Official key: All three. Implants, food plant surfaces, and hard-to-treat biofilm resistance.

Summary. Official key is (d) all three. Biofilms colonise implants and food-processing surfaces and are markedly less susceptible to antibiotics than planktonic cells.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/consider-the-following-statements-1-biofilms-can-form-on-medical-implants-within-human-tissues-2-biofilms-can-form-on-food-and-food-processing-surfaces-3-biofilms-can-exhibit-antibiotic-resistance-which-of-the-statements/>

Q38 · Set A

Consider the following statements in respect of probiotics:

- 1. Probiotics are made of both bacteria and yeast.**
- 2. The organisms in probiotics are found in foods we ingest but they do not naturally occur in our gut.**
- 3. Probiotics help in the digestion of milk sugars.**

Which of the statements given above is/are correct?

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

General Studies · 2022 · Science and Technology

Explanation

(a) 1 only. Lactose digestion (lactase-positive strains) is also keyed.

(b) 2 only. Many probiotic organisms are native gut commensals; statement 2 is false.

(c) Official key: 1 and 3. Bacteria and yeasts (e.g. *Saccharomyces boulardii*); they help digest milk sugar. They do occur in the gut.

(d) 2 and 3. Statement 2 fails.

Summary. Official key is (c) 1 and 3. Probiotics include bacteria and yeasts. They are not 'only in food, never in the gut'. Some strains help digest lactose.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/consider-the-following-statements-in-respect-of-probiotics-1-probiotics-are-made-of-both-bacteria-and-yeast-2-the-organisms-in-probiotics-are-found-in-foods-we-ingest-but-they-do-not-naturally-occur-in-our-gut-3/>

Q39 · Set A

In the context of vaccines manufactured to prevent COVID-19 pandemic, consider the following statements:

- 1. The Serum Institute of India produced COVID-19 vaccine named Covishield using mRNA platform.**
- 2. Sputnik V vaccine is manufactured using vector based platform.**
- 3. COVAXIN is an inactivated pathogen based vaccine.**

Which of the statements given above are correct?

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

General Studies · 2022 · Current Affairs and GK

Explanation

(a) 1 and 2 only. Covishield is a viral-vector (ChAdOx1) vaccine, not mRNA.

(b) Official key: 2 and 3 only. Sputnik V is adenovirus-vector; Covaxin is inactivated whole-virion.

(c) 1 and 3 only. Statement 1 mislabels Covishield.

(d) All three. mRNA in India was (then) other platforms, not SII's Covishield.

Summary. Official key is (b) 2 and 3 only. Covishield (SII) is chimpanzee adenovirus vector, not mRNA. Sputnik V is a heterologous adenovirus vector. Covaxin (BBV152) is inactivated SARS-CoV-2.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/in-the-context-of-vaccines-manufactured-to-prevent-covid-19-pandemic-consider-the-following-statements-1-the-serum-institute-of-india-produced-covid-19-vaccine-named-covishield-using-mrna-platform-2-sputnik-v-vaccine-is/>

Q40 · Set A

If a major solar storm (solar-flare) reaches the Earth, which of the following are the possible effects on the Earth?

- 1. GPS and navigation systems could fail.**
- 2. Tsunamis could occur at equatorial regions.**
- 3. Power grids could be damaged.**
- 4. Intense auroras could occur over much of the Earth.**
- 5. Forest fires could take place over much of the planet.**
- 6. Orbits of the satellites could be disturbed.**
- 7. Shortwave radio communication of the aircraft flying over polar regions could be interrupted.**

Select the correct answer using the code given below:

- (a) 1, 2, 4 and 5 only
- (b) 2, 3, 5, 6 and 7 only
- (c) 1, 3, 4, 6 and 7 only
- (d) 1, 2, 3, 4, 5, 6 and 7

General Studies · 2022 · Art and Culture

Explanation

(a) 1, 2, 4 and 5 only. Tsunamis and planet-wide forest fires are not solar-flare effects.

(b) 2, 3, 5, 6 and 7 only. Keeps tsunami and fires; drops GPS.

(c) Official key: 1, 3, 4, 6 and 7 only. GPS/nav, grids, auroras, satellite orbits, polar HF radio. Not tsunamis, not global forest fire.

(d) All seven. 2 and 5 are the misses.

Summary. Official key is (c) 1, 3, 4, 6 and 7 only. A severe solar storm can blind GNSS, stress power grids, light auroras far from the poles, drag satellites, and black out polar HF radio. It does not launch equatorial tsunamis or set the planet's forests on fire.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/if-a-major-solar-storm-solar-flare-reaches-the-earth-which-of-the-following-are-the-possible-effects-on-the-earth-1-gps-and-navigation-systems-could-fail-2-tsunamis-could-occur-at-equatorial-regions-3-power-grids-could/>

Q41 · Set A

"Climate Action Tracker", which monitors the emission reduction pledges of different countries is a:

- (a) Database created by coalition of research organisations
- (b) Wing of 'International Panel of Climate Change'
- (c) Committee under 'United Nations Framework Convention on Climate Change'
- (d) Agency promoted and financed by United Nations Environment Programme and World Bank

General Studies · 2022 · Environment and Ecology

Explanation

(a) Official key: A database from a coalition of research organisations. CAT is Climate Analytics + NewClimate Institute (with Ecofys earlier).

(b) A wing of IPCC. IPCC writes assessment reports, not CAT.

(c) A UNFCCC committee. CAT is independent.

(d) UNEP-World Bank agency. Wrong parent.

Summary. Official key is (a). Climate Action Tracker is an independent scientific project run by a coalition of research organisations that rates NDCs - not IPCC, UNFCCC or UNEP/World Bank.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/climate-action-tracker-which-monitors-the-emission-reduction-pledges-of-different-countries-is-a/>

Q42 · Set A

Consider the following statements:

- 1. 'The Climate Group' is an international non-profit organization that drives climate action by building large networks and runs them.**
- 2. The International Energy Agency in partnership with the Climate Group launched a global initiative 'EP100'.**
- 3. EP100 brings together leading companies committed to driving innovation in energy efficiency and increasing competitiveness while delivering on emission reduction goals.**
- 4. Some Indian companies are members of EP100.**
- 5. The International Energy Agency is the Secretariat to the 'Under2 Coalition'.**

Which of the statements given above are correct?

- (a) 1, 2, 4 and 5
- (b) 1, 3 and 4 only
- (c) 2, 3 and 5 only
- (d) 1, 2, 3, 4 and 5

General Studies · 2022 · Environment and Ecology

Explanation

(a) 1, 2, 4 and 5. EP100 was The Climate Group, not an IEA partnership as stated; IEA is not Under2's secretariat.

(b) Official key: 1, 3 and 4 only. Climate Group exists; EP100 is corporate energy-efficiency; some Indian firms have joined. 2 and 5 fail.

(c) 2, 3 and 5 only. 2 and 5 are the false parents.

(d) All five. Two institutional tags are wrong.

Summary. Official key is (b) 1, 3 and 4 only. The Climate Group is an international NGO. EP100 is its corporate energy-efficiency campaign; Indian companies have been members. IEA did not launch EP100 with it, and IEA is not the Under2 Coalition secretariat.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/consider-the-following-statements-1-the-climate-group-is-an-international-non-profit-organization-that-drives-climate-action-by-building-large-networks-and-runs-them-2-the-international-energy-agency-in-partnership-with/>

Q43 · Set A

"If rainforests and tropical forests are the lungs of the Earth, then surely wetlands function as its kidneys."

Which one of the following functions of wetlands best reflects the above statement?

- (a) The water cycle in wetlands involves surface runoff, subsoil percolation and evaporation.
- (b) Algae form the nutrient base upon which fish, crustaceans, molluscs, birds, reptiles and mammals thrive.
- (c) Wetlands play a vital role in maintaining sedimentation balance and soil stabilization.
- (d) Aquatic plants absorb heavy metals and excess nutrients.

General Studies · 2022 · Environment and Ecology

Explanation

(a) Water cycle. Hydrology, not the kidney metaphor.

(b) Food web. Lungs/energy, not filtration.

(c) Sediment and soil. A wetland job, but not the 'kidney' line as keyed.

(d) Official key: Plants absorbing heavy metals and excess nutrients. That is the filter / kidney function.

Summary. Official key is (d). Wetlands as 'kidneys' is the water-quality job: plants and soils strip nutrients and metals. Runoff, food webs and bank stability are other wetland roles.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/if-rainforests-and-tropical-forests-are-the-lungs-of-the-earth-then-surely-wetlands-function-as-its-kidneys-which-one-of-the-following-functions-of-wetlands-best-reflects-the-above-statement/>

Q44 · Set A

In the context of WHO Air Quality Guidelines, consider the following statements:

- 1. The 24-hour mean of PM 2.5 should not exceed 15 $\mu\text{g}/\text{m}^3$ and annual mean of PM2.5 should not exceed 5 $\mu\text{g}/\text{m}^3$.**
- 2. In a year, the highest levels of ozone pollution occur during the periods of inclement weather.**
- 3. PM10 can penetrate the lung barrier and enter the bloodstream.**
- 4. Excessive ozone in the air can trigger asthma.**

Which of the statements given above are correct?

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

General Studies · 2022 · Environment and Ecology

Explanation

(a) 1, 3 and 4. PM10 is coarser; PM2.5 is the fraction that more readily enters blood. Ozone peaks in sunshine, not 'inclement weather'.

(b) Official key: 1 and 4 only. WHO 2021: PM2.5 15 $\mu\text{g}/\text{m}^3$ (24 h) and 5 $\mu\text{g}/\text{m}^3$ (annual). Ozone aggravates asthma. 2 and 3 fail.

(c) 2, 3 and 4. 2 and 3 are the misses.

(d) 1 and 2 only. Statement 2 is false.

Summary. Official key is (b) 1 and 4 only. The 2021 WHO AQG numbers for PM2.5 are 15 (24-hour) and 5 (annual) $\mu\text{g}/\text{m}^3$. Ozone is a photochemical summer pollutant and an asthma trigger. Inclement weather is not ozone's peak; PM10 is not the particle that typically crosses into blood the way ultrafines/PM2.5 are discussed.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/in-the-context-of-who-air-quality-guidelines-consider-the-following-statements-1-the-24-hour-mean-of-pm-2-5-should-not-exceed-15-g-m3-and-annual-mean-of-pm2-5-should-not-exceed-5-g-m3-2-in-a-year-the-highest-levels-of/>

Q45 · Set A

With reference to "Gucchi" sometimes mentioned in the news, consider the following statements:

- 1. It is a fungus.**
- 2. It grows in some Himalayan forest areas.**
- 3. It is commercially cultivated in the Himalayan foothills of north-eastern India.**

Which of the statements given above is/are correct?

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

General Studies · 2022 · Current Affairs and GK

Explanation

(a) 1 only. Himalayan morel also grows wild in western Himalayan woods.

(b) 3 only. It is not a commercial NE-foothills crop as stated.

(c) Official key: 1 and 2. Guichi is a morel fungus; wild in parts of the Himalaya. Not farmed as a NE commercial crop.

(d) 2 and 3. Statement 3 fails.

Summary. Official key is (c) 1 and 2. Guichi is Morchella, a wild morel of western Himalayan forests (J&K, HP). It is foraged, not a commercial plantation crop of the north-eastern foothills.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/with-reference-to-gucchi-sometimes-mentioned-in-the-news-consider-the-following-statements-1-it-is-a-fungus-2-it-grows-in-some-himalayan-forest-areas-3-it-is-commercially-cultivated-in-the-himalayan-foothills-of-north/>

Q46 · Set A

With reference to polyethylene terephthalate, the use of which is so widespread in our daily lives, consider the following statements:

- 1. Its fibres can be blended with wool and cotton fibres to reinforce their properties.**
- 2. Containers made of it can be used to store any alcoholic beverage.**
- 3. Bottle made of it can be recycled into other products.**
- 4. Articles made of it can be easily disposed of by incineration without causing greenhouse gas emissions.**

Which of the statements given above are correct?

- (a) 1 and 3
- (b) 2 and 4
- (c) 1 and 4
- (d) 2 and 3

General Studies · 2022 · Environment and Ecology

Explanation

(a) Official key: 1 and 3. PET fibre blends with cotton/wool; bottles are widely recycled. Not for every alcoholic beverage; incineration still emits CO₂.

(b) 2 and 4. Both over-claim.

(c) 1 and 4. Incineration is not GHG-free.

(d) 2 and 3. Alcohol compatibility is not universal.

Summary. Official key is (a) 1 and 3. PET (polyethylene terephthalate) fibres are blended into fabrics; bottles are recycled into fibre and new packaging. It is not a blanket alcohol-storage plastic, and burning it produces greenhouse gases.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/with-reference-to-polyethylene-terephthalate-the-use-of-which-is-so-widespread-in-our-daily-lives-consider-the-following-statements-1-its-fibres-can-be-blended-with-wool-and-cotton-fibres-to-reinforce-their-properties-2/>

Q47 · Set A

Which of the following is not a bird?

- (a) Golden Mahseer
- (b) Indian Nightjar
- (c) Spoonbill
- (d) White Ibis

General Studies · 2022 · Environment and Ecology

Explanation

(a) Official key: Golden Mahseer. A Himalayan carp (fish), not a bird.

(b) Indian Nightjar. A nocturnal bird.

(c) Spoonbill. A wading bird.

(d) White Ibis. A wading bird.

Summary. Official key is (a) Golden Mahseer. Tor putitora is a fish. Nightjar, spoonbill and white ibis are birds.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/which-of-the-following-is-not-a-bird/>

Q48 · Set A

Which of the following are nitrogen-fixing plants?

1. Alfalfa
2. Amarnath
3. Chickpea
4. Clover
5. Purslane (Kulfa)
6. Spinach

Select the correct answer using the code given below:

- (a) 1, 3 and 4 only
- (b) 1, 3, 5 and 6 only
- (c) 2, 4, 5 and 6 only
- (d) 1, 2, 4, 5 and 6

General Studies · 2022 · Environment and Ecology

Explanation

(a) Official key: 1, 3 and 4 only. Alfalfa, chickpea and clover are legumes (nitrogen-fixing). Amaranth, purslane and spinach are not.

(b) 1, 3, 5 and 6 only. Kulfa and spinach do not fix N₂.

(c) 2, 4, 5 and 6 only. Drops the true legumes.

(d) 1, 2, 4, 5 and 6. Amaranth is not a fixer.

Summary. Official key is (a) 1, 3 and 4 only. Alfalfa, chickpea and clover are Fabaceae with Rhizobium. Amaranth, purslane (kulfa) and spinach are leafy non-legumes.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/which-of-the-following-are-nitrogen-fixing-plants-1-alfalfa-2-amarnath-3-chickpea-4-clover-5-purslane-kulfa-6-spinach-select-the-correct-answer-using-the-code-given-below/>

Q49 · Set A

"Biorock technology" is talked about in which one of the following situations?

- (a) Restoration of damaged coral reefs
- (b) Development of building materials using plant residues
- (c) Identification of areas for exploration/extraction of shale gas
- (d) Providing salt licks for wild animals in forest/protected areas

General Studies · 2022 · Science and Technology

Explanation

(a) Official key: Restoration of damaged coral reefs. Biorock / mineral accretion grows limestone on steel under low voltage.

(b) Plant-residue building materials. Different tech.

(c) Shale-gas exploration. Unrelated.

(d) Salt licks. Unrelated.

Summary. Official key is (a). Biorock (mineral accretion) uses a small current on a conducting frame so calcium carbonate precipitates - a coral-reef restoration method (Goreau / Hilbertz).

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/biorock-technology-is-talked-about-in-which-one-of-the-following-situations/>

Q50 · Set A

The "Miyawaki method" is well known for the:

- (a) Promotion of commercial farming in arid and semi-arid areas
- (b) Development of gardens using genetically modified flora
- (c) Creation of mini forests in urban areas
- (d) Harvesting wind energy on coastal areas and on sea surfaces.

General Studies · 2022 · Current Affairs and GK

Explanation

(a) Commercial farming in drylands. Not Miyawaki.

(b) GM gardens. Not Miyawaki.

(c) Official key: Mini forests in urban areas. Dense, fast, native planting on small plots.

(d) Wind harvest. Unrelated.

Summary. Official key is (c). The Miyawaki method packs native seedlings densely to grow a multi-layer mini-forest quickly - used on urban scraps of land.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/the-miyawaki-method-is-well-known-for-the/>

Q51 · Set A

In the Government of India Act 1919, the functions of Provincial Government were divided into "Reserved and Transferred" subjects. Which of the following were treated as "Reserved" subjects?

- 1. Administration of Justice**
- 2. Local Self-Government**
- 3. Land Revenue**
- 4. Police**

Select the correct answer using the code given below:

- (a) 1, 2 and 3
- (b) 2, 3 and 4
- (c) 1, 3 and 4
- (d) 1, 2 and 4

General Studies · 2022 · History (Ancient, Medieval, Modern)

Explanation

(a) 1, 2 and 3. Local self-government was Transferred, not Reserved.

(b) 2, 3 and 4. Drops justice; keeps local bodies which were Transferred.

(c) Official key: 1, 3 and 4. Justice, land revenue and police were Reserved. Local self-government was Transferred to ministers.

(d) 1, 2 and 4. Local self-government is the miss.

Summary. Official key is (c) 1, 3 and 4. **Dyarchy (1919):** Reserved subjects - justice, land revenue, police - stayed with the Governor's councillors. Local self-government was a Transferred subject with Indian ministers.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/in-the-government-of-india-act-1919-the-functions-of-provincial-government-were-divided-into-reserved-and-transferred-subjects-which-of-the-following-were-treated-as-reserved-subjects-1-administration-of-justice-2-local/>

Q52 · Set A

In medieval India, the term "Fanam" referred to:

- (a) Clothing
- (b) Coins
- (c) Ornaments
- (d) Weapons

General Studies · 2022 · History (Ancient, Medieval, Modern)

Explanation

(a) Clothing. Not the meaning of fanam.

(b) Official key: Coins. Fanam / panam - a small gold (later silver/copper) coin of south India.

(c) Ornaments. Unrelated.

(d) Weapons. Unrelated.

Summary. Official key is (b) coins. Fanam (panam) was a widely used south-Indian coin, especially under Vijayanagara and later the Company on the Coromandel.

Open WRAP page —

<https://wrapexams.com/upsc/prelims/gs/2022/in-medieval-india-the-term-fanam-referred-to/>

Q53 · Set A

Consider the following freedom fighters:

- 1. Barindra Kumar Ghosh**
- 2. Jogesh Chandra Chatterjee**
- 3. Rash Behari Bose**

Who of the above was/were actively associated with the Ghadar Party?

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

General Studies · 2022 · Art and Culture

Explanation

(a) 1 and 2. Barindra Kumar Ghosh is Alipore / Anushilan; Jogesh Chandra Chatterjee is Hindustan Republican Association, not Ghadar.

(b) 2 only. Chatterjee is not the Ghadar name here.

(c) 1 and 3. Ghosh is not Ghadar.

(d) Official key: 3 only. Rash Behari Bose was the Ghadar-1915 mutiny organiser in India.

Summary. Official key is (d) 3 only. Rash Behari Bose linked with the Ghadar plan for the 1915 uprising. Barindra Kumar Ghosh belongs to the Alipore bomb case; Jogesh Chandra Chatterjee to later revolutionary groups in north India, not Ghadar.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/consider-the-following-freedom-fighters-1-barindra-kumar-ghosh-2-jogesh-chandra-chatterjee-3-rash-behari-bose-who-of-the-above-was-were-actively-associated-with-the-ghadar-party/>

Q54 · Set A

With reference to the proposals of Cripps Mission, consider the following statements:

1. The Constituent Assembly would have members nominated by the Provincial Assemblies as well as the Princely States.

2. Any Province, which is not prepared to accept the new Constitution would have the right to sign a separate agreement with Britain regarding its future status.

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

General Studies · 2022 · Polity and Governance

Explanation

(a) 1 only. Provincial members of the proposed CA were to be elected, not nominated by Assemblies; States would nominate.

(b) Official key: 2 only. A province unwilling to join could negotiate a separate arrangement with Britain - the Cripps opt-out.

(c) Both. Statement 1 misstates election vs nomination.

(d) Neither. The opt-out limb is the Cripps offer.

Summary. Official key is (b) 2 only. **Cripps (1942):** an Indian union after the war; provinces could stay out and deal separately with Britain. Constituent Assembly seats from provinces were to be elected by provincial assemblies, not nominated; princely seats were the nominated slice.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/with-reference-to-the-proposals-of-cripps-mission-consider-the-following-statements-1-the-constituent-assembly-would-have-members-nominated-by-the-provincial-assemblies-as-well-as-the-princely-states-2-any-province-which/>

Q55 · Set A

With reference to Indian history, consider the following texts:

- 1. Nettipakarana**
- 2. Parishishtaparvan**
- 3. Avadanashataka**
- 4. Trishashtilakshana Mahapurana**

Which of the above are Jaina texts?

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

General Studies · 2022 · Art and Culture

Explanation

(a) 1, 2 and 3. Nettipakarana and Avadanashataka are Buddhist.

(b) Official key: 2 and 4 only. Parishishtaparvan and Trishashtilakshana Mahapurana are Jaina. The other two are Buddhist.

(c) 1, 3 and 4. Nettipakarana is Pali Buddhist; Avadana is Buddhist narrative.

(d) 2, 3 and 4. Avadanashataka is not Jaina.

Summary. Official key is (b) 2 and 4 only. Hemachandra's Parishishtaparvan and Jinasena's Trishashtilakshana Mahapurana are Jaina. Nettipakarana is in the Pali canon's orbit; Avadanashataka is a Buddhist avadana collection.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/with-reference-to-indian-history-consider-the-following-texts-1-nettipakarana-2-parishishtaparvan-3-avadanashataka-4-trishashtilakshana-mahapurana-which-of-the-above-are-jaina-texts/>

Q56 · Set A

With reference to Indian history, consider the following pairs:

Historical person - Known as

- 1. Aryadeva - Jaina scholar**
- 2. Dignaga - Buddhist scholar**
- 3. Nathamuni - Vaishnava scholar**

How many pairs given above are correctly matched?

- (a) None of the pairs
- (b) Only one pair
- (c) Only two pairs
- (d) All three pairs

General Studies · 2022 · Art and Culture

Explanation

(a) None of the pairs. Two of three hold.

(b) Only one pair. Dignaga and Nathamuni both match.

(c) Official key: Only two pairs. Dignaga was a Buddhist logician; Nathamuni a Sri Vaishnava. Aryadeva was Madhyamaka Buddhist, not Jaina.

(d) All three. Pair 1 fails.

Summary. Official key is (c) only two pairs. Dignaga is a Buddhist epistemologist; Nathamuni compiled the Nalayira Divya Prabandham for Sri Vaishnavism. Aryadeva (Nagarjuna's disciple) is Buddhist, not Jaina.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/with-reference-to-indian-history-consider-the-following-pairs-historical-person-known-as-1-aryadeva-jaina-scholar-2-dignaga-buddhist-scholar-3-nathamuni-vaishnava-scholar-how-many-pairs-given-above-are-correctly-matched/>

Q57 · Set A

With reference to Indian history, consider the following statements:

- 1. The first Mongol invasion of India happened during the reign of Jalal-ud-din Khalji.**
- 2. During the reign of Ala-ud-din Khalji, one Mongol assault marched up to Delhi and besieged the city.**
- 3. Muhammad-bin-Tughlaq temporarily lost portions of north-west of his kingdom to Mongols.**

Which of the statements given above is/are correct?

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

General Studies · 2022 · History (Ancient, Medieval, Modern)

Explanation

(a) 1 and 2. The first Mongol inroads into India predate Jalal-ud-din Khalji (Iltutmish's time).

(b) Official key: 2 only. Alauddin Khalji faced a Mongol host that reached and besieged Delhi. Statements 1 and 3 do not hold as framed.

(c) 1 and 3. Both over-date or over-claim.

(d) 3 only. Tughluq did not 'temporarily lose the north-west to Mongols' as a standard fact here.

Summary. Official key is (b) 2 only. Mongol pressure on the north-west began under the early Delhi Sultans, not first under Jalal-ud-din. In Alauddin's reign Qutlugh Khwaja's army came up to Delhi. Muhammad bin Tughluq's north-west story is not keyed as a Mongol occupation in this item.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/with-reference-to-indian-history-consider-the-following-statements-1-the-first-mongol-invasion-of-india-happened-during-the-reign-of-jalal-ud-din-khalji-2-during-the-reign-of-ala-ud-din-khalji-one-mongol-assault-marched/>

Q58 · Set A

With reference to Indian history, who of the following were known as "Kulah-Daran"?

- (a) Arab merchants
- (b) Qalandars
- (c) Persian calligraphists
- (d) Sayyids

General Studies · 2022 · History (Ancient, Medieval, Modern)

Explanation

(a) Arab merchants. Not kulah-daran.

(b) Qalandars. Wandering dervishes; different headgear story.

(c) Persian calligraphists. Unrelated.

(d) Official key: Sayyids. Kulah-daran - 'cap-wearers'; the pointed cap of Sayyid lineages in Sultanate India.

Summary. Official key is (d) Sayyids. Kulah-daran ('those who wear the kulah') refers to Sayyids distinguished by their head-cap in the **Delhi Sultanate** milieu.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/with-reference-to-indian-history-who-of-the-following-were-known-as-kulah-daran/>

Q59 · Set A

With reference to Indian history, consider the following statements:

- 1. The Dutch established their factories/warehouses on the east coast on lands granted to them by Gajapati rulers.**
- 2. Alfonso de Albuquerque captured Goa from the Bijapur Sultanate.**
- 3. The English East India Company established a factory at Madras on a plot of land leased from a representative of the Vijayanagara empire.**

Which of the statements given above are correct?

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

General Studies · 2022 · History (Ancient, Medieval, Modern)

Explanation

(a) 1 and 2 only. Dutch factories on the east coast were not grants of the Gajapatis as the opening fact.

(b) Official key: 2 and 3 only. Albuquerque took Goa from Bijapur (1510). Madras was leased from a Vijayanagara (Chandragiri) representative. Statement 1 fails.

(c) 1 and 3 only. Statement 1 is the miss.

(d) All three. Gajapati timing for Dutch Coromandel does not hold.

Summary. Official key is (b) 2 and 3 only. Afonso de Albuquerque seized Goa from the Adil Shahis of Bijapur. Fort St George / Madras rose on land from the Chandragiri / Vijayanagara side. Dutch Coromandel was not a Gajapati land grant as stated.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/with-reference-to-indian-history-consider-the-following-statements-1-the-dutch-established-their-factories-warehouses-on-the-east-coast-on-lands-granted-to-them-by-gajapati-rulers-2-alfonso-de-albuquerque-captured-go/>

Q60 · Set A

According to Kautilya's Arthashastra, which of the following are correct?

- 1. A person could be a slave as a result of a judicial punishment.**
- 2. If a female slave bore her master a son, she was legally free.**
- 3. If a son born to a female slave was fathered by her master, the son was entitled to the legal status of the master's son.**

Which of the statements given above are correct?

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

General Studies · 2022 · Art and Culture

Explanation

(a) 1 and 2 only. The master's son by a slave woman also takes status in the Arthashastra rule keyed here.

(b) Official key: 2 and 3 only. A slave woman who bears her master a son is freed; that son has the status of the master's son. Judicial-punishment slavery is not the keyed first limb.

(c) 1 and 3 only. Statement 1 is out of this key.

(d) All three. The paper stops at two.

Summary. Official key is (b) 2 and 3 only. **Kautilya:** if a dasi bears her master a son she is legally free, and the son is entitled to the status of the master's son. Statement 1 is not counted as a correct Arthashastra rule in this item.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/according-to-kautilyas-arthashastra-which-of-the-following-are-correct-1-a-person-could-be-a-slave-as-a-result-of-a-judicial-punishment-2-if-a-female-slave-bore-her-master-a-son-she-was-legally-free-3-if-a-son-born-to-a/>

Q61 · Set A

Consider the following statements:

- 1. Tight monetary policy of US Federal Reserve could lead to capital flight.**
- 2. Capital flight may increase the interest cost of firms with existing External Commercial Borrowings (ECBs).**
- 3. Devaluation of domestic currency decreases the currency risk associated with ECBs.**

Which of the statements given above are correct?

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

General Studies · 2022 · Economy

Explanation

(a) 1 and 2 only. Fed tightening can pull capital out; ECB interest costs can rise. Devaluation raises, not lowers, foreign-currency ECB risk.

(b) 2 and 3 only. Statement 3 reverses currency risk.

(c) 1 and 3 only. Statement 3 is the false limb.

(d) All three. Devaluation increases the rupee burden of dollar ECBs.

Summary. The Commission later dropped this item, so there is no official key to mark. Still walk the options. A US Fed tightening can trigger capital flight from emerging markets. That reprices ECBs and can lift interest costs on floating or refinanced lines. A weaker rupee increases, not decreases, the currency risk on foreign-currency ECBs. WRAP does not stamp Official key on a withdrawn row.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/consider-the-following-statements-1-tight-monetary-policy-of-us-federal-reserve-could-lead-to-capital-flight-2-capital-flight-may-increase-the-interest-cost-of-firms-with-existing-external-commercial-borrowings-ecbs-3/>

Q62 · Set A

Consider the following States:

1. Andhra Pradesh
2. Kerala
3. Himachal Pradesh
4. Tripura

How many of the above are generally known as tea-producing States?

- (a) Only one State
- (b) Only two States
- (c) Only three States
- (d) All four States

General Studies · 2022 · Geography

Explanation

(a) Only one State. All four have tea gardens in the paper's count.

(b) Only two States. Under-counts.

(c) Only three States. The fourth is also keyed as tea-producing.

(d) Official key: All four States. Andhra Pradesh, Kerala, Himachal Pradesh and Tripura are all generally known as tea-producing in this item.

Summary. Official key is (d) all four. Tea is grown in the listed States - Andhra (Araku / agency tracts), Kerala (Munnar, Wayanad), Himachal (Kangra) and Tripura - so none is dropped.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/consider-the-following-states-1-andhra-pradesh-2-kerala-3-himachal-pradesh-4-tripura-how-many-of-the-above-are-generally-known-as-tea-producing-states/>

Q63 · Set A

Consider the following statements:

- 1. In India, credit rating agencies are regulated by Reserve Bank of India.**
- 2. The rating agency popularly known as ICRA is a public limited company.**
- 3. Brickwork Ratings is an Indian credit rating agency.**

Which of the statements given above are correct

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

General Studies · 2022 · Economy

Explanation

(a) 1 and 2 only. Credit-rating agencies for securities are SEBI-regulated, not RBI.

(b) Official key: 2 and 3 only. ICRA is a listed public limited company; Brickwork is an Indian CRA. RBI is the wrong regulator for this market.

(c) 1 and 3 only. Statement 1 fails.

(d) All three. SEBI, not RBI, is the CRA regulator under the 1999 regulations.

Summary. Official key is (b) 2 and 3 only. SEBI regulates credit rating agencies. ICRA is a public limited company. Brickwork Ratings is an Indian CRA. RBI regulates banks, not this CRA window.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/consider-the-following-statements-1-in-india-credit-rating-agencies-are-regulated-by-reserve-bank-of-india-2-the-rating-agency-popularly-known-as-icra-is-a-public-limited-company-3-brickwork-ratings-is-an-indian-credit/>

Q64 · Set A

With reference to the 'Banks Board Bureau (BBB)', which of the following statements are correct?

- 1. The Governor of RBI is the Chairman of BBB.**
- 2. BBB recommends for the selection of heads of Public Sector Banks.**
- 3. BBB helps the Public Sector Banks in developing strategies and capital raising plans.**

Select the correct answer using the code given below:

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

General Studies · 2022 · Economy

Explanation

(a) 1 and 2 only. The RBI Governor is not the BBB chair.

(b) Official key: 2 and 3 only. BBB recommended PSB heads and advised on strategy and capital plans. Chair was a separate appointee (later FSIB).

(c) 1 and 3 only. Statement 1 fails.

(d) All three. Governor-as-chair is false.

Summary. Official key is (b) 2 and 3 only. Banks Board Bureau selected/recommended whole-time directors of public sector banks and helped with strategies and capital raising. It was not chaired by the RBI Governor.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/with-reference-to-the-banks-board-bureau-bb-which-of-the-following-statements-are-correct-1-the-governor-of-rbi-is-the-chairman-of-bbb-2-bbb-recommends-for-the-selection-of-heads-of-public-sector-banks-3-bbb-helps-the/>

Q65 · Set A

With reference to Convertible Bonds, consider the following statements:

- 1. As there is an option to exchange the bond for equity, Convertible Bonds pay a lower rate of interest.**
- 2. The option to convert to equity affords the bondholder a degree of indexation to rising consumer prices.**

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

General Studies · 2022 · Economy

Explanation

(a) 1 only. The equity kicker is also a partial inflation hedge, so 2 holds.

(b) 2 only. Convertibles do pay a lower coupon because of the option.

(c) Official key: Both. Lower coupon for the conversion option; equity upside indexes the holder to rising prices in part.

(d) Neither. Both are standard convertibles lore.

Summary. Official key is (c) both. A convertible pays a lower yield because the holder owns a call on equity. That equity link gives some indexation if consumer prices and share prices rise together.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/with-reference-to-convertible-bonds-consider-the-following-statements-1-as-there-is-an-option-to-exchange-the-bond-for-equity-convertible-bonds-pay-a-lower-rate-of-interest-2-the-option-to-convert-to-equity-affords-the/>

Q66 · Set A

Consider the following:

- 1. Asian Infrastructure Investment Bank**
- 2. Missile Technology Control Regime**
- 3. Shanghai Cooperation Organisation**

India is a member of which of the above?

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

General Studies · 2022 · Science and Technology

Explanation

- (a)** 1 and 2 only. India is in the SCO too.
- (b)** 3 only. AIIB and MTCR memberships also hold.
- (c)** 2 and 3 only. AIIB: India is a founding member.
- (d) Official key:** All three. AIIB, MTCR and SCO - India sits in each.

Summary. Official key is (d) 1, 2 and 3. India is a founding member of AIIB, joined the Missile Technology Control Regime in 2016, and is a full member of the **Shanghai Cooperation Organisation (2017)**.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/consider-the-following-1-asian-infrastructure-investment-bank-2-missile-technology-control-regime-3-shanghai-cooperation-organisation-india-is-a-member-of-which-of-the-above/>

Q67 · Set A

Consider the following statements:

- 1. Vietnam has been one of the fastest growing economies in the world in the recent years.**
- 2. Vietnam is led by a multi-party political system.**
- 3. Vietnam's economic growth is linked to its integration with global supply chains and focus on exports.**
- 4. For a long time Vietnam's low labour costs and stable exchange rates have attracted global manufacturers.**
- 5. Vietnam has the most productive e-service sector in the Indo-Pacific region.**

Which of the statements given above are correct?

- (a) 2 and 4
- (b) 3 and 5
- (c) 1, 3 and 4
- (d) 1 and 2

General Studies · 2022 · Economy

Explanation

(a) 2 and 4. Vietnam is a one-party CPV state, not multi-party.

(b) 3 and 5. 'Most productive e-service sector in the Indo-Pacific' is the over-claim.

(c) Official key: 1, 3 and 4. Fast growth, export/supply-chain integration, low labour cost and a relatively stable exchange-rate pitch to manufacturers. Not multi-party; not the e-service superlative.

(d) 1 and 2. Statement 2 fails.

Summary. Official key is (c) 1, 3 and 4. Vietnam has been a fast-growing exporter plugged into global supply chains, helped by labour costs and a managed exchange rate. It is a one-party state. Statement 5's e-service crown is not keyed.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/consider-the-following-statements-1-vietnam-has-been-one-of-the-fastest-growing-economies-in-the-world-in-the-recent-years-2-vietnam-is-led-by-a-multi-party-political-system-3-vietnams-economic-growth-is-linked-to-its/>

Q68 · Set A

In India,

which one of the following is responsible for maintaining price stability by controlling inflation?

- (a) Department of Consumer Affairs
- (b) Expenditure Management Commission
- (c) Financial Stability and Development Council
- (d) Reserve Bank of India

General Studies · 2022 · Economy

Explanation

(a) Department of Consumer Affairs. Price monitoring and essentials; not the inflation-targeting authority.

(b) Expenditure Management Commission. A fiscal-spend body, now wound down.

(c) FSDC. Coordination on financial stability, chaired by the Finance Minister.

(d) Official key: Reserve Bank of India. Statutory inflation-targeting monetary authority.

Summary. Official key is (d) RBI. Under the RBI Act (after 2016), price stability - the inflation target - is the primary monetary objective, operated by the Monetary Policy Committee.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/in-india-which-one-of-the-following-is-responsible-for-maintaining-price-stability-by-controlling-inflation/>

Q69 · Set A

With reference to Non-Fungible Tokens (NFTs), consider the following statements:

- 1. They enable the digital representation of physical assets.**
- 2. They are unique cryptographic tokens that exist on a blockchain.**
- 3. They can be traded or exchanged at equivalency and therefore can be used as a medium of commercial transactions.**

Which of the statements given above are correct?

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

General Studies · 2022 · Current Affairs and GK

Explanation

(a) Official key: 1 and 2 only. NFTs can represent physical or digital items and are unique on a chain. They are not fungible, so they are not a like-for-like medium of exchange.

(b) 2 and 3 only. Statement 3 contradicts non-fungibility.

(c) 1 and 3 only. Equivalency trading is what NFTs are not.

(d) All three. Fungible tokens (not NFTs) are the medium-of-exchange story.

Summary. Official key is (a) 1 and 2 only. An NFT is a unique token on a blockchain and can point at a digital or physical asset. Fungible tokens (INR, ETH) trade at equivalency; NFTs do not.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/with-reference-to-non-fungible-tokens-nfts-consider-the-following-statements-1-they-enable-the-digital-representation-of-physical-assets-2-they-are-unique-cryptographic-tokens-that-exist-on-a-blockchain-3-they-can-be/>

Q70 · Set A

Consider the following pairs:

Reservoirs - States

- 1. Ghataprabha - Telangana**
- 2. Gandhi Sagar - Madhya Pradesh**
- 3. Indira Sagar - Andhra Pradesh**
- 4. Maithon - Chhattisgarh**

How many pairs given above are not correctly matched?

- (a) Only one pair
- (b) Only two pairs
- (c) Only three pairs
- (d) All four pairs

General Studies · 2022 · Geography

Explanation

(a) Only one pair not matched. Three of the four state tags are wrong.

(b) Only two pairs not matched. Under-counts the mismatches.

(c) Official key: Only three pairs not correctly matched. **Gandhi** Sagar-Madhya Pradesh holds. Ghataprabha is Karnataka, Indira Sagar is Madhya Pradesh, Maithon is Jharkhand.

(d) All four pairs wrong. **Gandhi** Sagar is correctly placed in MP.

Summary. Official key is (c) only three pairs are not correctly matched. **Gandhi** Sagar (Chambal, MP) is right. Ghataprabha is in Karnataka, Indira Sagar (Narmada) in Madhya Pradesh not Andhra, Maithon (Barakar) in Jharkhand not Chhattisgarh.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/consider-the-following-pairs-reservoirs-states-1-ghataprabha-telangana-2-gandhi-sagar-madhya-pradesh-3-indira-sagar-andhra-pradesh-4-maithon-chhattisgarh-how-many-pairs-given-above-are-not-correctly-matched/>

Q71 · Set A

In India,

which one of the following compiles information on industrial disputes, closures, retrenchments and lay-offs in factories employing workers?

- (a) Central Statistics Office
- (b) Department for Promotion of Industry and Internal Trade
- (c) Labour Bureau
- (d) National Technical Manpower Information System

General Studies · 2022 · Economy

Explanation

(a) CSO / NSO. National accounts and surveys, not this factory-dispute series.

(b) DPIIT. Industry policy and IIP users, not the compiler of disputes/lay-offs.

(c) Official key: Labour Bureau. Compiles industrial disputes, closures, retrenchments and lay-offs.

(d) NTMIS. A manpower-information scheme, not this returns series.

Summary. Official key is (c) Labour Bureau. The Bureau (Ministry of Labour) compiles statistics on industrial disputes, closures, retrenchments and lay-offs from factory returns.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/in-india-which-one-of-the-following-compiles-information-on-industrial-disputes-closures-retrenchments-and-lay-offs-in-factories-employing-workers/>

Q72 · Set A

In India, what is the role of the Coal Controller's Organization (CCO)?

- 1. CCO is the major source of Coal Statistics in Government of India.**
- 2. It monitors progress of development of Captive Coal/Lignite blocks.**
- 3. It hears any objection to the Government's notification relating to acquisition of coal-bearing areas.**
- 4. It ensures that coal mining companies deliver the coal to end users in the prescribed time.**

Select the correct answer using the code given below:

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

General Studies · 2022 · Polity and Governance

Explanation

(a) Official key: 1, 2 and 3. Coal statistics; captive-block progress; objections to coal-bearing land notifications. Not a last-mile delivery policeman for every end user.

(b) 3 and 4 only. Drops the core statistical and captive-block roles.

(c) 1 and 2 only. Hearing objections under the **Coal Bearing Areas Act** is also a CCO job.

(d) 1, 2 and 4. Statement 4 over-claims delivery policing.

Summary. Official key is (a) 1, 2 and 3. The Coal Controller's Organisation is the government's coal-statistics node, watches captive/lignite blocks, and hears objections to acquisition notifications. Ensuring timed delivery to every end user is not its listed mandate here.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/in-india-what-is-the-role-of-the-coal-controllers-organization-cco-1-cco-is-the-major-source-of-coal-statistics-in-government-of-india-2-it-monitors-progress-of-development-of-captive-coal-lignite-blocks-3-it-hears-any/>

Q73 · Set A

If a particular area is brought under the Fifth Schedule of the Constitution of India, which one of the following statements best reflects the consequence of it?

- (a) This would prevent the transfer of land of tribal people to non-tribal people.
- (b) This would create a local self-governing body in that area.
- (c) This would convert that area into a Union Territory.
- (d) The State having such areas would be declared a special Category State.

General Studies · 2022 · Polity and Governance

Explanation

(a) Official key: It would prevent transfer of tribal land to non-tribals. **Fifth Schedule** + State laws / PESA-type restrictions - the best consequence among these.

(b) A local self-governing body. That is **Sixth Schedule** Autonomous Councils, or Panchayats, not the **Fifth Schedule** as such.

(c) Convert the area into a Union Territory. False.

(d) Declare a Special Category State. A Planning-era label, not **Fifth Schedule**.

Summary. Official key is (a). Scheduled Areas under the **Fifth Schedule** are the constitutional hook for protecting tribal land against alienation to non-tribals. They do not by themselves create **Sixth Schedule** councils, a UT, or Special Category status.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/if-a-particular-area-is-brought-under-the-fifth-schedule-of-the-constitution-of-india-which-one-of-the-following-statements-best-reflects-the-consequence-of-it/>

Q74 · Set A

Consider the following statements:

- 1. The India Sanitation Coalition is a platform to promote sustainable sanitation and is funded by the Government of India and the World Health Organization.**
- 2. The National Institute of Urban Affairs is an apex body of the Minister of Housing and Urban Affairs in Government of India and provides innovative solutions to address the challenges of Urban India.**

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

General Studies · 2022 · Current Affairs and GK

Explanation

(a) 1 only. ISC is not a GoI-WHO funded statutory sanitation platform as framed.

(b) 2 only. NIUA is an autonomous institute associated with MoHUA, not 'apex body of the Minister' as worded.

(c) Both. Both over-claim parentage.

(d) Official key: Neither. India Sanitation Coalition is an industry/multi-stakeholder platform (FICCI-hosted), not a WHO-funded government scheme. NIUA is autonomous; the wording in 2 does not hold.

Summary. Official key is (d) neither. The India Sanitation Coalition is a multi-stakeholder platform, not a GoI-plus-WHO fund. The National Institute of Urban Affairs works with Housing and Urban Affairs but is not correctly described as the Minister's apex body in statement 2.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/consider-the-following-statements-1-the-india-sanitation-coalition-is-a-platform-to-promote-sustainable-sanitation-and-is-funded-by-the-government-of-india-and-the-world-health-organization-2-the-national-institute-of/>

Q75 · Set A

Which one of the following has been constituted under the Environment (Protection) Act, 1986?

- (a) Central Water Commission
- (b) Central Ground Water Board
- (c) Central Ground Water Authority
- (d) National Water Development Agency

General Studies · 2022 · Environment and Ecology

Explanation

(a) Central Water Commission. Older, irrigation/flood body; not EPA 1986.

(b) Central Ground Water Board. Attached scientific organisation; not the EPA authority.

(c) Official key: Central Ground Water Authority. Constituted under the Environment (Protection) Act, 1986.

(d) NWDA. Water-linking studies; different statute.

Summary. Official key is (c). Central Ground Water Authority was set up under **Section 3(3)** of the Environment (Protection) Act, 1986 to regulate groundwater. CWC, CGWB and NWDA have other parentage.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/which-one-of-the-following-has-been-constituted-under-the-environment-protection-act-1986/>

Q76 · Set A

With reference to the "United Nations Credentials Committee", consider the following statements:

- 1. It is a committee set up by the UN Security Council and works under its supervision.**
- 2. It traditionally meets in March, June and September every year.**
- 3. It assesses the credentials of all UN members before submitting a report to the General Assembly for approval.**

Which of the statements given above is/are correct?

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

General Studies · 2022 · Current Affairs and GK

Explanation

(a) Official key: 3 only. A UNGA credentials committee; it reports to the General Assembly. Not a Security Council body; it does not sit March-June-September as a fixed calendar in that way.

(b) 1 and 3. Statement 1 is false.

(c) 2 and 3. Statement 2 fails.

(d) 1 and 2. Both fail.

Summary. Official key is (a) 3 only. The **UN Credentials Committee** is a General Assembly committee that examines delegates' credentials and reports to the GA. It is not under the Security Council, and statement 2's meeting calendar is not keyed.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/with-reference-to-the-united-nations-credentials-committee-consider-the-following-statements-1-it-is-a-committee-set-up-by-the-un-security-council-and-works-under-its-supervision-2-it-traditionally-meets-in-march-june/>

Q77 · Set A

Which one of the following statements best describes the 'Polar Code'?

- (a) It is the international code of safety for ships operating in polar waters.
- (b) It is the agreement of the countries around the North Pole regarding the demarcation of their territories in the polar region.
- (c) It is a set of norms to be followed by the countries whose scientists undertake research studies in the North Pole and South Pole.
- (d) It is a trade and security agreement of the member countries of the Arctic Council.

General Studies · 2022 · Environment and Ecology

Explanation

(a) Official key: International code of safety for ships in polar waters. IMO Polar Code.

(b) Territorial demarcation around the North Pole. Not this Code.

(c) Norms for polar scientists. Different instruments.

(d) Arctic Council trade-security pact. The Council is not this IMO code.

Summary. Official key is (a). The Polar Code is the IMO's International Code for Ships Operating in Polar Waters - safety, design and environmental rules, not a territorial treaty or Arctic Council trade pact.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/which-one-of-the-following-statements-best-describes-the-polar-code/>

Q78 · Set A

With reference to the United Nations General Assembly, consider the following statements:

- 1. The UN General Assembly can grant observer status to the non-member States.**
- 2. Inter-governmental organisations can seek observer status in the UN General Assembly.**
- 3. Permanent Observers in the UN General Assembly can maintain mission at the UN headquarters.**

Which of the statements given above are correct?

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

General Studies · 2022 · Art and Culture

Explanation

(a) 1 and 2 only. Permanent observers also keep missions in New York.

(b) 2 and 3 only. Non-member States (Holy See, Palestine) get observer status too.

(c) 1 and 3 only. IGOs (EU, AU, ICRC as a special case) also seek observer status.

(d) Official key: All three. Non-member States, IGOs, and missions at UNHQ for permanent observers.

Summary. Official key is (d) all three. The General Assembly grants observer status to non-member States and to many intergovernmental organisations. Permanent observers maintain offices at UN headquarters.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/with-reference-to-the-united-nations-general-assembly-consider-the-following-statements-1-the-un-general-assembly-can-grant-observer-status-to-the-non-member-states-2-inter-governmental-organisations-can-seek-observer/>

Q79 · Set A

With reference to the "Tea Board" in India, consider the following statements:

- 1. The Tea Board is a statutory body.**
- 2. It is a regulatory body attached to the Minister of Agriculture and Farmers Welfare.**
- 3. The Tea Board's Head Office is situated in Bengaluru.**
- 4. The Board has overseas offices at Dubai and Moscow.**

Which of the statements given above are correct?

- (a) 1 and 3
- (b) 2 and 4
- (c) 3 and 4
- (d) 1 and 4

General Studies · 2022 · Polity and Governance

Explanation

(a) 1 and 3. Head office is Kolkata, not Bengaluru.

(b) 2 and 4. The Board sits with Commerce, not Agriculture.

(c) 3 and 4. Bengaluru is wrong; Dubai/Moscow offices are real.

(d) Official key: 1 and 4. Statutory body (Tea Act); overseas offices including Dubai and Moscow. Not Agriculture; HQ is Kolkata.

Summary. Official key is (d) 1 and 4. The Tea Board is statutory under the Tea Act, 1953, under Commerce and Industry, headquartered in Kolkata, with overseas offices (including Dubai and Moscow).

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/with-reference-to-the-tea-board-in-india-consider-the-following-statements-1-the-tea-board-is-a-statutory-body-2-it-is-a-regulatory-body-attached-to-the-minister-of-agriculture-and-farmers-welfare-3-the-tea-boards-head/>

Q80 · Set A

Which one of the following best describes the term "greenwashing"?

- (a) Conveying a false impression that a company's products are eco-friendly and environmentally sound
- (b) Non-inclusion of ecological/environmental costs in the Annual Financial Statements of a country.
- (c) Ignoring the disastrous ecological consequences while undertaking infrastructure development.
- (d) Making mandatory provision for environmental costs in a government project/programme.

General Studies · 2022 · Current Affairs and GK

Explanation

(a) Official key: A false impression that products are eco-friendly. That is greenwashing.

(b) Leaving ecological costs out of national accounts. A genuine accounts issue, not the term.

(c) Ignoring ecology in infrastructure. Bad practice, not the label.

(d) Mandating environmental costs in government projects. The opposite of a wash.

Summary. Official key is (a). Greenwashing is marketing a company or product as greener than it is. It is not a national-accounts identity, a planning failure, or a mandatory eco-cost rule.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/which-one-of-the-following-best-describes-the-term-greenwashing/>

Q81 · Set A

Consider the following statements:

- 1. High clouds primarily reflect solar radiation and cool the surface of the Earth.**
- 2. Low clouds have a high absorption of infrared radiation emanating from the Earth's surface and thus cause warming effect.**

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

General Studies · 2022 · Geography

Explanation

(a) 1 only. High clouds are not primarily a cooling reflector in the keyed physics.

(b) 2 only. Low clouds are the stronger reflectors (cooling), not IR absorbers that warm as stated.

(c) Both. Each sentence swaps the usual high/low cloud radiative roles.

(d) Official key: Neither. High clouds tend to trap outgoing IR (warming); low clouds raise albedo (cooling). The statements reverse that.

Summary. Official key is (d) neither. High, thin clouds are better at trapping long-wave radiation; low, thick clouds reflect solar radiation and cool the surface. Statement 1 and statement 2 swap those roles.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/consider-the-following-statements-1-high-clouds-primarily-reflect-solar-radiation-and-cool-the-surface-of-the-earth-2-low-clouds-have-a-high-absorption-of-infrared-radiation-emanating-from-the-earths-surface-and-thus/>

Q82 · Set A

Consider the following statements:

- 1. Bidibidi is a large refugee settlement in north-western Kenya.**
- 2. Some people who fled from South Sudan civil war live in Bidibidi.**
- 3. Some people who fled from civil war in Somalia live in Dadaab refugee complex in Kenya.**

Which of the statements given above is/are correct?

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

General Studies · 2022 · Current Affairs and GK

Explanation

(a) 1 and 2. Bidibidi is in Uganda, not north-western Kenya.

(b) 2 only. Dadaab's Somali caseload is also correct.

(c) Official key: 2 and 3. South Sudanese in Bidibidi (Uganda); Somalis in Dadaab (Kenya). Bidibidi is not in Kenya.

(d) 3 only. Statement 2 also holds.

Summary. Official key is (c) 2 and 3. Bidibidi, in Uganda, hosts people who fled South Sudan. Dadaab in Kenya hosts many who fled Somalia. Statement 1 mis-places Bidibidi in Kenya.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/consider-the-following-statements-1-bidibidi-is-a-large-refugee-settlement-in-north-western-kenya-2-some-people-who-fled-from-south-sudan-civil-war-live-in-bidibidi-3-some-people-who-fled-from-civil-war-in-somalia-live/>

Q83 · Set A

Consider the following countries:

- 1. Armenia**
- 2. Azerbaijan**
- 3. Croatia**
- 4. Romania**
- 5. Uzbekistan**

Which of the above are members of the Organization of Turkic States?

- (a) 1, 2 and 4
- (b) 1 and 3
- (c) 2 and 5
- (d) 3, 4 and 5

General Studies · 2022 · Current Affairs and GK

Explanation

(a) 1, 2 and 4. Armenia, Croatia, Romania are not Turkic-organisation members.

(b) 1 and 3. Neither is in OTS.

(c) Official key: 2 and 5. Azerbaijan and Uzbekistan are in the Organization of Turkic States.

(d) 3, 4 and 5. Croatia and Romania are EU/NATO, not OTS.

Summary. Official key is (c) 2 and 5. The Organization of Turkic States (ex-Turkic Council) includes Azerbaijan, Kazakhstan, Kyrgyzstan, Türkiye, Uzbekistan (Hungary observer). Armenia, Croatia and Romania are not members.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/consider-the-following-countries-1-armenia-2-azerbaijan-3-croatia-4-romania-5-uzbekistan-which-of-the-above-are-members-of-the-organization-of-turkic-states/>

Q84 · Set A

Consider the following statements:

- 1. Gujarat has the largest solar park in India.**
- 2. Kerala has a fully solar powered International Airport.**
- 3. Goa has the largest floating solar photovoltaic project in India.**

Which of the statements given above is/are correct?

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

General Studies · 2022 · Current Affairs and GK

Explanation

(a) 1 and 2. Bhadla (Rajasthan) has been the largest solar park, not Gujarat as a blanket.

(b) Official key: 2 only. Cochin International Airport is fully solar-powered. Goa is not India's largest floating PV.

(c) 1 and 3. Both superlatives fail.

(d) 3 only. Floating PV leadership has been elsewhere (e.g. Ramagundam / other NTPC sites).

Summary. Official key is (b) 2 only. CIAL (Kochi) runs as a fully solar-powered airport. The largest solar park tag has sat with Rajasthan's Bhadla, not Gujarat as stated; India's largest floating solar is not keyed to Goa.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/consider-the-following-statements-1-gujarat-has-the-largest-solar-park-in-india-2-kerala-has-a-fully-solar-powered-international-airport-3-go-a-has-the-largest-floating-solar-photovoltaic-project-in-india-which-of-the/>

Q85 · Set A

With reference to the United Nations Convention on the Law of Sea, consider the following statements:

- 1. A coastal state has the right to establish the breadth of its territorial sea up to a limit not exceeding 12 nautical miles, measured from baseline determined in accordance with the convention.**
- 2. Ships of all states, whether coastal or land-locked, enjoy the right of innocent passage through the territorial sea.**
- 3. The Exclusive Economic Zone shall not extend beyond 200 nautical miles from the baseline from which the breadth of the territorial sea is measured.**

Which of the statements given above are correct?

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

General Studies · 2022 · Economy

Explanation

- (a)** 1 and 2 only. EEZ 200 nm is also UNCLOS.
- (b)** 2 and 3 only. 12 nm territorial sea is **Article 3**.
- (c)** 1 and 3 only. Innocent passage is **Article 17**.
- (d) Official key:** All three. 12 nm TS, innocent passage for all ships, EEZ not beyond 200 nm.

Summary. Official key is (d) all three. UNCLOS: territorial sea up to 12 nautical miles; innocent passage for ships of all States; EEZ up to 200 nautical miles from the baselines.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/with-reference-to-the-united-nations-convention-on-the-law-of-sea-consider-the-following-statements-1-a-coastal-state-has-the-right-to-establish-the-breadth-of-its-territorial-sea-up-to-a-limit-not-exceeding-12-nautical/>

Q86 · Set A

Which one of the following statements best reflects the issue with Senkaku Islands, sometimes mentioned in the news?

- (a) It is generally believed that they are artificial islands made by a country around South China Sea.
- (b) China and Japan engage in maritime disputes over these islands in East China Sea.
- (c) A permanent American military base has been set up there to help Taiwan to increase its defence capabilities.
- (d) Through International Court of Justice declared them as no man's land, some South-East Asian countries claim them.

General Studies · 2022 · Current Affairs and GK

Explanation

(a) Artificial islands in the South China Sea. That is a Spratly/Mischief Reef story, not Senkaku.

(b) Official key: China and Japan dispute the islands in the East China Sea. Senkaku / Diaoyu.

(c) A permanent US base to arm Taiwan. Not the Senkaku file.

(d) ICJ no-man's-land. The ICJ has not so held.

Summary. Official key is (b). The Senkaku (Diaoyu) Islands are an East China Sea dispute between Japan and China. They are not SCS reclamations, a US-Taiwan base, or an ICJ terra nullius.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/which-one-of-the-following-statements-best-reflects-the-issue-with-senkaku-islands-sometimes-mentioned-in-the-news/>

Q87 · Set A

Consider the following pairs:

Country - Important reason for being in the news recently

- 1. Chad - Setting up of permanent military base by China.**
- 2. Guinea - Suspension of Constitution and Government by military**
- 3. Lebanon - Severe and prolonged economic depression**
- 4. Tunisia - Suspension of Parliament by President**

How many pairs given above are correctly matched?

- (a) Only one pair
- (b) Only two pairs
- (c) Only three pairs
- (d) All four pairs

General Studies · 2022 · Polity and Governance

Explanation

(a) Only one pair. Three of the four news tags hold.

(b) Only two pairs. Under-counts.

(c) Official key: Only three pairs. Guinea (junta), Lebanon (crash), Tunisia (President froze parliament). Chad's headline was not a Chinese permanent base.

(d) All four. Pair 1 fails.

Summary. Official key is (c) only three pairs. Guinea's 2021 coup, Lebanon's economic collapse, and Kais Saied's 2021 shutdown of Tunisia's parliament match. Chad was in the news for a military takeover after Idriss Déby's death, not a Chinese permanent base.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/consider-the-following-pairs-country-important-reason-for-being-in-the-news-recently-1-chad-setting-up-of-permanent-military-base-by-china-2-guinea-suspension-of-constitution-and-government-by-military-3-lebanon-severe/>

Q88 · Set A

Consider the following pairs:

Region often mentioned in the news - Country

- 1. Anatolia - Turkey**
- 2. Amhara - Ethiopia**
- 3. Cabo Delgado - Spain**
- 4. Catalonia - Italy**

How many pairs given above are correctly matched?

- (a) Only one pair
- (b) Only two pairs
- (c) Only three pairs
- (d) All four pairs

General Studies · 2022 · Geography

Explanation

(a) Only one pair. Anatolia-Turkey and Amhara-Ethiopia both hold.

(b) Official key: Only two pairs. Anatolia is Turkey; Amhara is Ethiopia. Cabo Delgado is Mozambique, not Spain; Catalonia is Spain, not Italy.

(c) Only three pairs. Two European tags are swapped/wrong.

(d) All four. Two mismatches.

Summary. Official key is (b) only two pairs. Anatolia is the Asian landmass of Turkey; Amhara is an Ethiopian region. Cabo Delgado is in northern Mozambique; Catalonia is in Spain.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/consider-the-following-pairs-region-often-mentioned-in-the-news-country-1-anatolia-turkey-2-amhara-ethiopia-3-cabo-delgado-spain-4-catalonia-italy-how-many-pairs-given-above-are-correctly-matched/>

Q89 · Set A

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

General Studies · 2022 · Environment and Ecology

Explanation

(a) 1 and 2. 'Sole property of the government' is not the keyed first limb.

(b) Official key: 2 only. A protected wild animal has the same statutory protection inside or outside a PA. Mere apprehension of danger is not enough to capture or kill; statement 1 is not counted.

(c) 1 and 3. Statement 3 is too loose for WLPA.

(d) 3 only. Killing on mere apprehension is not the law as keyed.

Summary. Official key is (b) 2 only. Under the Wild Life (Protection) Act, scheduled species are protected wherever found, not only in parks. Capture or killing needs the grounds the Act writes - not a bare apprehension. Statement 1 is not the keyed property rule.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/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/>

Q90 · Set A

Certain species of

which one of the following organisms are well known as cultivators of fungi?

- (a) Ant
- (b) Cockroach
- (c) Crab
- (d) Spider

General Studies · 2022 · Environment and Ecology

Explanation

(a) Official key: Ant. Leaf-cutter and some termite-associated ants farm fungus.

(b) Cockroach. Not a fungus-cultivator in this sense.

(c) Crab. Not this farming.

(d) Spider. Predators, not fungus farmers.

Summary. Official key is (a) ant. Attine / leaf-cutter ants cultivate fungus gardens. Cockroach, crab and spider are the wrong natural histories.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/certain-species-of-which-one-of-the-following-organisms-are-well-known-as-cultivators-of-fungi/>

Q91 · Set A

Consider the following pairs:

Site of Ashoka's major rock edicts - Location in the State of

- 1. Dhauli - Odisha**
- 2. Erragudi - Andhra Pradesh**
- 3. Jaugada - Madhya Pradesh**
- 4. Kalsi - Karnataka**

How many pairs given above are correctly matched?

- (a) Only one pair
- (b) Only two pairs
- (c) Only three pairs
- (d) All four pairs

General Studies · 2022 · History (Ancient, Medieval, Modern)

Explanation

(a) Only one pair. Two edict sites are right.

(b) Official key: Only two pairs. Dhauli-Odisha and Erragudi-Andhra Pradesh. Jaugada is Odisha, not MP; Kalsi is Uttarakhand, not Karnataka.

(c) Only three pairs. Two states fail.

(d) All four. Two mismatches.

Summary. Official key is (b) only two pairs. Dhauli (near Bhubaneswar) and Erragudi/Yerragudi (Kurnool, AP) are major-rock-edict sites. Jaugada is also Odisha, not Madhya Pradesh. Kalsi is in Uttarakhand, not Karnataka.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/consider-the-following-pairs-site-of-ashokas-major-rock-edicts-location-in-the-state-of-1-dhaulti-odisha-2-erragudi-andhra-pradesh-3-jaugada-madhya-pradesh-4-kalsi-karnataka-how-many-pairs-given-above-are-correctly/>

Q92 · Set A

Consider the following pairs:

King - Dynasty

- 1. Nannuka - Chandela**
- 2. Jayashakti - Paramara**
- 3. Nagabhata II - Gurjara-Pratihara**
- 4. Bhoja - Rashtrakuta**

How many pairs given above are correctly matched?

- (a) Only one pair
- (b) Only two pairs
- (c) Only three pairs
- (d) All four pairs

General Studies · 2022 · History (Ancient, Medieval, Modern)

Explanation

(a) Only one pair. **Two** **dynasty** tags hold.

(b) Official key: Only two pairs. Nannuka-Chandela and Nagabhata II-Gurjara-Pratihara. Jayashakti is Chandela, not Paramara; the famous Bhoja is Paramara, not Rashtrakuta.

(c) Only three pairs. Two names are swapped across houses.

(d) All four. Two mismatches.

Summary. Official key is (b) only two pairs. Nannuka founded the Chandela line; Nagabhata II is Gurjara-Pratihara. Jayashakti is a Chandela, not Paramara. Raja Bhoja of Dhara is Paramara, not Rashtrakuta.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/consider-the-following-pairs-king-dynasty-1-nannuka-chandela-2-jayashakti-paramara-3-nagabhata-ii-gurjara-pratihara-4-bhoja-rashtrakuta-how-many-pairs-given-above-are-correctly-matched/>

Q93 · Set A

Which one of the following statements about Sangam literature in ancient South India is correct?

- (a) Sangam poems are devoid of any reference to material culture.
- (b) The social classification of Varna was known to Sangam poets.
- (c) Sangam poems have no reference to warrior ethic.
- (d) Sangam literature refers to magical forces as irrational.

General Studies · 2022 · Art and Culture

Explanation

(a) No material culture. Sangam is full of pots, cloth, ports and ploughs.

(b) Official key: Varna was known to Sangam poets. The keyed statement.

(c) No warrior ethic. Puram poetry is war and honour.

(d) Magical forces as irrational. Sangam does not dismiss the sacred that way.

Summary. Official key is (b). Sangam poems know a fourfold social classification akin to varna, even as tinai and clan matter more on the ground. They are rich in material life and warrior ethic, and they do not treat the sacred as mere irrational magic.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/which-one-of-the-following-statements-about-sangam-literature-in-ancient-south-india-is-correct/>

Q94 · Set A

"Yogavasistha" was translated into Persian by Nizamuddin Panipati during the reign of:

- (a) Akbar
- (b) Humayun
- (c) Shahjahan
- (d) Aurangzeb

General Studies · 2022 · Art and Culture

Explanation

(a) Official key: Akbar. Nizamuddin Panipati's Persian Yogavasistha sits in the Akbari translation project.

(b) Humayun. Too early for this rendering.

(c) Shahjahan. Later Mughal, not this translator-text pair.

(d) Aurangzeb. Not the patron of this Persian Yogavasistha.

Summary. Official key is (a) Akbar. The Yogavasistha was rendered into Persian by Nizamuddin Panipati in Akbar's reign, part of the Maktab Khana / translation effort.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/yogavasistha-was-translated-into-persian-by-nizamuddin-panipati-during-the-reign-of/>

Q95 · Set A

The World's second tallest statue in sitting pose of Ramanuja was inaugurated by the Prime Minister of India at Hyderabad recently.

Which one of the following statements correctly represents the teachings of Ramanuja?

- (a) The best means of salvation was devotion.
- (b) Vedas are eternal, self-existent and wholly authoritative.
- (c) Logical arguments were essential means for the highest bliss.
- (d) Salvation was to be obtained through mediation.

General Studies · 2022 · Current Affairs and GK

Explanation

(a) Official key: The best means of salvation was devotion. Ramanuja's visishtadvaita: prapatti / bhakti.

(b) Vedas eternal and wholly authoritative. A Mimamsa/Vedanta neighbour, not the distinctive Ramanuja teaching keyed here.

(c) Logical arguments as the highest means. More Nyaya than Sri Vaishnava.

(d) Salvation through mediation. Vague; not the Statue of Equality tag.

Summary. Official key is (a). Ramanuja taught qualified non-dualism in which devotion (bhakti / surrender) is the way to salvation. That is the teaching tied to the Hyderabad Ramanuja statue in the news.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/the-worlds-second-tallest-statue-in-sitting-pose-of-ramanuja-was-inaugurated-by-the-prime-minister-of-india-at-hyderabad-recently-which-one-of-the-following-statements-correctly-represents-the-teachings-of-ramanuja/>

Q96 · Set A

The Prime Minister recently inaugurated the new Circuit House near Somnath Temple at Veraval. Which of the following statements are correct regarding Somnath Temple?

- 1. Somnath Temple is one of the Jyotirlinga shrines.**
- 2. A description of Somnath Temple was given by Al-Biruni.**
- 3. Pran Pratishtha of Somnath Temple (installation of the present day temple) was done by President S. Radhakrishnan.**

Select the correct answer using the code given below:

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

General Studies · 2022 · Current Affairs and GK

Explanation

(a) Official key: 1 and 2 only. Somnath is a Jyotirlinga; Al-Biruni described it. The 1951 pran-pratishtha was by President Rajendra Prasad, not S. Radhakrishnan.

(b) 2 and 3 only. Statement 3 names the wrong President.

(c) 1 and 3 only. Statement 3 fails.

(d) All three. Radhakrishnan is the miss.

Summary. Official key is (a) 1 and 2 only. Somnath is one of the twelve Jyotirlingas. Al-Biruni's India notices the temple. The present temple's consecration in 1951 was by Rajendra Prasad, not S. Radhakrishnan.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/the-prime-minister-recently-inaugurated-the-new-circuit-house-near-somnath-temple-at-veraval-which-of-the-following-statements-are-correct-regarding-somnath-temple-1-somnath-temple-is-one-of-the-jyotirlinga-shrines-2-a/>

Q97 · Set A

Which one of the following statements best describes the role of B cells and T cells in the human body?

- (a) They protect the body from environmental allergens.
- (b) They alleviate the body's pain and inflammation.
- (c) They act as immunosuppressants in the body.
- (d) They protect the body from the diseases caused by pathogens.

General Studies · 2022 · Science and Technology

Explanation

(a) Protect from environmental allergens. A slice of immunity (IgE), not the core B/T job as keyed.

(b) Alleviate pain and inflammation. That is drugs / other mediators.

(c) Act as immunosuppressants. Regulatory T cells modulate; they are not 'the' immunosuppressants.

(d) Official key: Protect from diseases caused by pathogens. Adaptive immunity: B cells (antibodies) and T cells (cellular).

Summary. Official key is (d). B lymphocytes and T lymphocytes are the adaptive immune cells that defend against pathogens. Allergen handling, analgesia and immunosuppression are not their defining role in this item.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/which-one-of-the-following-statements-best-describes-the-role-of-b-cells-and-t-cells-in-the-human-body/>

Q98 · Set A

Consider the following statements:

- 1. Other than those made by humans, nanoparticles do not exist in nature.**
- 2. Nanoparticles of some metallic oxides are used in the manufacture of some cosmetics.**
- 3. Nanoparticles of some commercial products which enter the environment are unsafe for humans.**

Which of the statements given above is/are correct?

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

General Studies · 2022 · Environment and Ecology

Explanation

(a) 1 only. Nature makes nanoparticles (volcanic ash, sea spray, viruses as nanoscale).

(b) 3 only. Metallic-oxide nanoparticles in cosmetics also hold.

(c) 1 and 2. Statement 1 is false.

(d) Official key: 2 and 3. TiO_2/ZnO in sunscreens; commercial nanoparticles can be unsafe if they enter the environment. They also exist in nature.

Summary. Official key is (d) 2 and 3. Nanoparticles occur naturally. Engineered metal-oxide particles are used in cosmetics, and some commercial nanoparticles are an environmental/health concern.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/consider-the-following-statements-1-other-than-those-made-by-humans-nanoparticles-do-not-exist-in-nature-2-nanoparticles-of-some-metallic-oxides-are-used-in-the-manufacture-of-some-cosmetics-3-nanoparticles-of-some/>

Q99 · Set A

Consider the following statements:

DNA Barcoding can be a tool to:

- 1. assess the age of a plant or animal.**
- 2. distinguish among species that look alike.**
- 3. identify undesirable animal or plant materials in processed foods.**

Which of the statements given above is/are correct?

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

General Studies · 2022 · Current Affairs and GK

Explanation

(a) 1 only. Barcoding does not date an organism the way rings or radiocarbon do.

(b) 3 only. Look-alike species ID is also a core use.

(c) 1 and 2. Statement 1 fails.

(d) Official key: 2 and 3. DNA barcodes separate cryptic species and can flag undeclared animal/plant matter in foods. Not an ageing tool.

Summary. Official key is (d) 2 and 3. DNA barcoding (COI and other loci) distinguishes similar-looking species and can detect adulteration in processed foods. It does not measure age.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/consider-the-following-statements-dna-barcoding-can-be-a-tool-to-1-assess-the-age-of-a-plant-or-animal-2-distinguish-among-species-that-look-alike-3-identify-undesirable-animal-or-plant-materials-in-processed-foods-which/>

Q100 · Set A

Consider the following:

- 1. Carbon monoxide**
- 2. Nitrogen oxide**
- 3. Ozone**
- 4. Sulphur dioxide**

Excess of

which of the above in the environment is/are cause(s) of acid rain?

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

General Studies · 2022 · Environment and Ecology

Explanation

(a) 1, 2 and 3. CO and ozone are not the classic acid-rain pair.

(b) Official key: 2 and 4 only. Nitrogen oxides and sulphur dioxide → nitric and sulphuric acids in rain. Not CO, not ozone as the acid-rain cause.

(c) 4 only. NO_x is also a driver.

(d) 1, 3 and 4. Carbon monoxide is not an acid-rain precursor here.

Summary. Official key is (b) 2 and 4 only. Acid rain is chiefly from SO₂ and NO_x. Carbon monoxide and ozone are air pollutants with other harms, not the acid-rain couple in this list.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2022/consider-the-following-1-carbon-monoxide-2-nitrogen-oxide-3-ozone-4-sulphur-dioxide-excess-of-which-of-the-above-in-the-environment-is-are-cause-s-of-acid-rain/>

Compiled answer key

Last pages of this pack. Official key in booklet order — one box per question. Below the grid, each question repeats with the keyed option and a Solution link.

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Q1 (b)	Q2 (c)	Q3 (b)	Q4 (c)	Q5 (a)	Q6 (d)	Q7 (a)	Q8 (d)	Q9 (a)	Q10 (c)
Q11 (b)	Q12 (b)	Q13 (b)	Q14 (b)	Q15 (b)	Q16 (b)	Q17 (d)	Q18 (d)	Q19 (b)	Q20 (a)
Q21 (b)	Q22 (d)	Q23 (c)	Q24 (b)	Q25 (a)	Q26 (c)	Q27 (b)	Q28 (b)	Q29 (b)	Q30 (b)
Q31 (d)	Q32 (d)	Q33 (d)	Q34 (c)	Q35 (b)	Q36 (d)	Q37 (d)	Q38 (c)	Q39 (b)	Q40 (c)
Q41 (a)	Q42 (b)	Q43 (d)	Q44 (b)	Q45 (c)	Q46 (a)	Q47 (a)	Q48 (a)	Q49 (a)	Q50 (c)
Q51 (c)	Q52 (b)	Q53 (d)	Q54 (b)	Q55 (b)	Q56 (c)	Q57 (b)	Q58 (d)	Q59 (b)	Q60 (b)
Q61 (a)	Q62 (d)	Q63 (b)	Q64 (b)	Q65 (c)	Q66 (d)	Q67 (c)	Q68 (d)	Q69 (a)	Q70 (c)
Q71 (c)	Q72 (a)	Q73 (a)	Q74 (d)	Q75 (c)	Q76 (a)	Q77 (a)	Q78 (d)	Q79 (d)	Q80 (a)
Q81 (d)	Q82 (c)	Q83 (c)	Q84 (b)	Q85 (d)	Q86 (b)	Q87 (c)	Q88 (b)	Q89 (b)	Q90 (a)
Q91 (b)	Q92 (b)	Q93 (b)	Q94 (a)	Q95 (a)	Q96 (a)	Q97 (d)	Q98 (d)	Q99 (d)	Q100 (b)

Question-wise key

Q1 (b) International Monetary Fund Solution

Q2 (c) 1 and 3 only Solution

Q3 (b) 2 and 3 only Solution

Q4 (c) Both 1 and 2 Solution

Q5 (a) 1 and 2 only Solution

Q6 (d) Neither 1 nor 2 Solution

Q7 (a) 1 and 2 only Solution

Q8 (d) A foreign company transfers shares and such shares derive their substantial value f... Solution

Q9 (a) 1 only Solution

Q10 (c) Both 1 and 2 Solution

Q11 (b) 1, 2 and 4 Solution

Q12 (b) 2 only Solution

Q13 (b) 2 and 3 only Solution

Q14 (b) 2 only Solution

Q15 (b) 2 only Solution

Q16 (b) 2 only Solution

Q17 (d) Neither 1 nor 2 Solution

Q18 (d) 1, 2 and 3 Solution

- Q19 (b) 3 only Solution
- Q20 (a) 1 and 3 only Solution
- Q21 (b) Rice Solution
- Q22 (d) 1, 2 and 3 Solution
- Q23 (c) Lake Oguta Solution
- Q24 (b) Manjira Solution
- Q25 (a) 1 and 2 Solution
- Q26 (c) Region along Persian Gulf and Horn of Africa Solution
- Q27 (b) 1, 2, 3 and 4 only Solution
- Q28 (b) 1, 2 and 4 only Solution
- Q29 (b) Second half of the month of June Solution
- Q30 (b) Only two pairs Solution
- Q31 (d) 1, 2, 3 and 4 Solution
- Q32 (d) 1, 2 and 3 Solution
- Q33 (d) 1, 2 and 3 Solution
- Q34 (c) A missile is put into a stable orbit around the Earth and deorbits over a target on... Solution
- Q35 (b) Quantum Computing Solution
- Q36 (d) 1, 2 and 3 Solution
- Q37 (d) 1, 2 and 3 Solution
- Q38 (c) 1 and 3 Solution
- Q39 (b) 2 and 3 only Solution
- Q40 (c) 1, 3, 4, 6 and 7 only Solution
- Q41 (a) Database created by coalition of research organisations Solution
- Q42 (b) 1, 3 and 4 only Solution
- Q43 (d) Aquatic plants absorb heavy metals and excess nutrients. Solution
- Q44 (b) 1 and 4 only Solution
- Q45 (c) 1 and 2 Solution
- Q46 (a) 1 and 3 Solution
- Q47 (a) Golden Mahseer Solution
- Q48 (a) 1, 3 and 4 only Solution
- Q49 (a) Restoration of damaged coral reefs Solution
- Q50 (c) Creation of mini forests in urban areas Solution
- Q51 (c) 1, 3 and 4 Solution
- Q52 (b) Coins Solution
- Q53 (d) 3 only Solution
- Q54 (b) 2 only Solution
- Q55 (b) 2 and 4 only Solution
- Q56 (c) Only two pairs Solution
- Q57 (b) 2 only Solution
- Q58 (d) Sayyids Solution
- Q59 (b) 2 and 3 only Solution
- Q60 (b) 2 and 3 only Solution
- Q61 (a) 1 and 2 only Solution
- Q62 (d) All four States Solution
- Q63 (b) 2 and 3 only Solution

- Q64 (b) 2 and 3 only Solution
- Q65 (c) Both 1 and 2 Solution
- Q66 (d) 1, 2 and 3 Solution
- Q67 (c) 1, 3 and 4 Solution
- Q68 (d) Reserve Bank of India Solution
- Q69 (a) 1 and 2 only Solution
- Q70 (c) Only three pairs Solution
- Q71 (c) Labour Bureau Solution
- Q72 (a) 1, 2 and 3 Solution
- Q73 (a) This would prevent the transfer of land of tribal people to non-tribal people. Solution
- Q74 (d) Neither 1 nor 2 Solution
- Q75 (c) Central Ground Water Authority Solution
- Q76 (a) 3 only Solution
- Q77 (a) It is the international code of safety for ships operating in polar waters. Solution
- Q78 (d) 1, 2 and 3 Solution
- Q79 (d) 1 and 4 Solution
- Q80 (a) Conveying a false impression that a company's products are eco-friendly and environ... Solution
- Q81 (d) Neither 1 nor 2 Solution
- Q82 (c) 2 and 3 Solution
- Q83 (c) 2 and 5 Solution
- Q84 (b) 2 only Solution
- Q85 (d) 1, 2 and 3 Solution
- Q86 (b) China and Japan engage in maritime disputes over these islands in East China Sea. Solution
- Q87 (c) Only three pairs Solution
- Q88 (b) Only two pairs Solution
- Q89 (b) 2 only Solution
- Q90 (a) Ant Solution
- Q91 (b) Only two pairs Solution
- Q92 (b) Only two pairs Solution
- Q93 (b) The social classification of Varna was known to Sangam poets. Solution
- Q94 (a) Akbar Solution
- Q95 (a) The best means of salvation was devotion. Solution
- Q96 (a) 1 and 2 only Solution
- Q97 (d) They protect the body from the diseases caused by pathogens. Solution
- Q98 (d) 2 and 3 Solution
- Q99 (d) 2 and 3 Solution
- Q100 (b) 2 and 4 only Solution