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UPSC Prelims 2024 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/2024/>

Q1 · Set A

Consider the following statements :

Statement-I : The atmosphere is heated more by incoming solar radiation than by terrestrial radiation.

Statement-II : Carbon dioxide and other greenhouse gases in the atmosphere are good absorbers of long wave radiation.

Which one of the following is correct in respect of the above statements ?

- (a) Both Statement-I and Statement-II are correct and Statement-II explains Statement-I
- (b) Both Statement-I and Statement-II are correct, but Statement-II does not explain Statement-I
- (c) Statement-I is correct, but Statement-II is incorrect
- (d) Statement-I is incorrect, but Statement-II is correct

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Explanation

(a) Both correct and II explains I. The atmosphere is heated more by terrestrial long-wave radiation, not by incoming solar.

(b) Both correct but II does not explain I. Statement-I is false.

(c) I correct, II incorrect. I is the false limb; greenhouse gases do absorb long-wave.

(d) Official key: I incorrect, II correct. Earth heats the air; CO₂ and other GHGs absorb outgoing long-wave.

Summary. Official key is (d). Incoming solar radiation is mostly short-wave; the air is relatively transparent to it. The surface absorbs sunlight and radiates long-wave infrared, which greenhouse gases absorb - that is how the troposphere is heated. Statement-I reverses the mechanism. Statement-II is true and does not rescue I.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/consider-the-following-statements-statement-i-the-atmosphere-is-heated-more-by-incoming-solar-radiation-than-by-terrestrial-radiation-statement-ii-carbon-dioxide-and-other-greenhouse-gases-in-the-atmosphere-are-good/>

Q2 · Set A

Consider the following statements :

Statement-I : Thickness of the troposphere at the equator is much greater as compared to poles.

Statement-II : At the equator, heat is transported to great heights by strong convectional currents.

Which one of the following is correct in respect of the above statements ?

- (a) Both Statement-I and Statement-II are correct and Statement-II explains Statement-I
- (b) Both Statement-I and Statement-II are correct, but Statement-II does not explain Statement-I
- (c) Statement-I is correct, but Statement-II is incorrect
- (d) Statement-I is incorrect, but Statement-II is correct

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Explanation

(a) Official key: Both correct and II explains I. Equatorial convection stacks a thicker troposphere than at the poles.

(b) Both correct but II does not explain I. Convection is why the tropopause is higher at the equator.

(c) I correct, II incorrect. Strong equatorial convection is real.

(d) I incorrect, II correct. The tropopause is higher in the tropics.

Summary. Official key is (a). The troposphere is much thicker at the equator (~16-18 km) than at the poles (~8 km). Intense heating drives deep convection that carries heat to great heights, lifting the tropopause. Statement-II therefore explains Statement-I.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/consider-the-following-statements-statement-i-thickness-of-the-troposphere-at-the-equator-is-much-greater-as-compared-to-poles-statement-ii-at-the-equator-heat-is-transported-to-great-heights-by-strong-convectional/>

Q3 · Set A

Consider the following :

- 1. Pyroclastic debris**
- 2. Ash and dust**
- 3. Nitrogen compounds**
- 4. Sulphur compounds**

How many of the above are products of volcanic eruptions ?

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

General Studies · 2024 · Geography

Explanation

(a) Only one. All four listed products come out of eruptions.

(b) Only two. Under-counts.

(c) Only three. Nitrogen compounds are also volcanic gases.

(d) Official key: All four. Pyroclasts, ash, nitrogen and sulphur compounds.

Summary. Official key is (d) all four. Eruptions throw pyroclastic debris, ash and dust, and gases that include sulphur compounds (SO₂, H₂S) and nitrogen compounds (N₂, NO_x traces). None of the four is alien to volcanism.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/consider-the-following-1-pyroclastic-debris-2-ash-and-dust-3-nitrogen-compounds-4-sulphur-compounds-how-many-of-the-above-are-products-of-volcanic-eruptions/>

Q4 · Set A

Which of the following is/are correct inference/inferences from isothermal maps in the month of January ?

- 1. The isotherms deviate to the north over the ocean and to the south over the continent.**
- 2. The presence of cold ocean currents. Gulf Stream and North Atlantic Drift make the North Atlantic Ocean colder and the isotherms bend towards the north. Select the 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. In January, isotherms bend north over oceans and south over continents in the northern mid-latitudes.

(b) 2 only. Gulf Stream and North Atlantic Drift are warm, not cold; they do not make the North Atlantic colder.

(c) Both. Statement 2 reverses warm and cold.

(d) Neither. Statement 1 is the correctly keyed inference.

Summary. Official key is (a) 1 only. January isotherms in the northern hemisphere typically bulge north over oceans (water still relatively warm) and south over continents (land much colder). Statement 2 calls the Gulf Stream and North Atlantic Drift cold currents and says they make the North Atlantic colder - both claims are wrong. Those are warm currents that pull isotherms north. So only 1 is a correct inference.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/which-of-the-following-is-are-correct-inference-inferences-from-isothermal-maps-in-the-month-of-january-1-the-isotherms-deviate-to-the-north-over-the-ocean-and-to-the-south-over-the-continent-2-the-presence-of-cold-ocean/>

Q5 · Set A

Which of the following countries are well known as the two largest cocoa producers in the world ?

- (a) Algeria and Morocco
- (b) Botswana and Namibia
- (c) Cote d'Ivoire and Ghana
- (d) Madagascar and Mozambique

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Explanation

(a) Algeria and Morocco. North Africa; not cocoa leaders.

(b) Botswana and Namibia. Southern Africa; not cocoa.

(c) Official key: Côte d'Ivoire and Ghana. The world's two largest cocoa producers.

(d) Madagascar and Mozambique. Not the cocoa duopoly.

Summary. Official key is (c). Côte d'Ivoire and Ghana together grow well over half of the world's cocoa. The other African pairs are not cocoa powerhouses.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/which-of-the-following-countries-are-well-known-as-the-two-largest-cocoa-producers-in-the-world/>

Q6 · Set A

With reference to the Himalayan rivers Joining the Ganga downstream of Prayagraj from West to East,

which one of the following sequences is correct ?

- (a) Ghaghara - Gomati - Gandak - Kosi
- (b) Gomati - Ghaghara - Gandak - Kosi
- (c) Ghaghara - Gomati - Kosi - Gandak
- (d) Gomati - Ghaghara - Kosi - Gandak

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Explanation

(a) Ghaghara-Gomati-Gandak-Kosi. Gomati meets the Ganga west of Ghaghara's confluence.

(b) Official key: Gomati-Ghaghara-Gandak-Kosi. West-to-east after Prayagraj.

(c) Ghaghara-Gomati-Kosi-Gandak. Order of Gomati/Ghaghara and Gandak/Kosi both wrong.

(d) Gomati-Ghaghara-Kosi-Gandak. Gandak joins west of the Kosi.

Summary. Official key is (b). Downstream of Prayagraj, from west to east, the left-bank sequence is Gomati, then Ghaghara, then Gandak, then Kosi (each joining the Ganga further east). Ghaghara is east of Gomati; Kosi is east of Gandak.

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Q7 · Set A

Consider the following statements :

Statement-I: Rainfall is one of the reasons for weathering of rocks.

Statement II: Rain water contains carbon dioxide in solution.

Statement-III: Rain water contains atmospheric oxygen.

Which one of the following is correct in respect of the above statements ?

- (a) Both Statement-II and Statement-III are correct and both of them explain Statement-I
- (b) Both Statement-II and Statement-III are correct, but only one of them explains Statement-I
- (c) Only one of the Statements II and III is correct and that explains Statement-I
- (d) Neither Statement- II nor Statement-III is correct

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Explanation

(a) Official key: Both II and III correct and both explain I. Rain weathers rock via dissolved CO₂ (carbonation) and dissolved O₂ (oxidation).

(b) Both II and III correct but only one explains I. Both processes are weathering routes.

(c) Only one of II/III correct. Both chemical facts are true.

(d) Neither II nor III correct. Rainwater does carry CO₂ and O₂.

Summary. Official key is (a). Rainfall weathers rocks. Rainwater dissolves atmospheric carbon dioxide to form weak carbonic acid (carbonation of limestone and silicates) and carries dissolved oxygen (oxidation of iron-bearing minerals). Both II and III are true and both explain I.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/consider-the-following-statements-statement-i-rainfall-is-one-of-the-reasons-for-weathering-of-rocks-statement-ii-rain-water-contains-carbon-dioxide-in-solution-statement-iii-rain-water-contains-atmospheric-oxygen-which/>

Q8 · Set A

Consider the following countries :

1. Finland

2. Germany

3. Norway

4. Russia How, many of the above countries have a border with the North Sea ?

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

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Explanation

(a) Only one. Germany and Norway both front the North Sea.

(b) Official key: Only two. Germany and Norway. Finland and Russia do not border the North Sea.

(c) Only three. Russia's Baltic/Arctic coasts are not the North Sea; Finland is Baltic.

(d) All four. Finland is landlocked from the North Sea; Russia's North Sea claim is false here.

Summary. Official key is (b) only two. Germany and Norway have North Sea coasts. Finland faces the Baltic. Russia's western seas here are the Baltic and the Barents/White - not the North Sea. So two countries, not three or four.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/consider-the-following-countries-1-finland-2-germany-3-norway-4-russia-how-many-of-the-above-countries-have-a-border-with-the-north-sea/>

Q9 · Set A

Consider the following information Waterfall : Region : River

- 1. Dhuandhar : Malwa : Narmada**
- 2. Hundru : Chota Nagpur : Subarnarekha**
- 3. Gersoppa : Western Ghats : Netravati**

In how many of the above rows is the given information correctly matched ?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

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Explanation

(a) Official key: Only one. Hundru on the Subarnarekha in Chota Nagpur is the clean row.

(b) Only two. Dhuandhar is Narmada but in the Satpura/Marble Rocks belt, not Malwa as labelled; Gersoppa is Sharavati, not Netravati.

(c) All three. Two rows are mismatches.

(d) None. Hundru is correctly matched.

Summary. Official key is (a) only one. Hundru Falls: Subarnarekha, Chota Nagpur - correct. Dhuandhar is on the Narmada at Bhedaghat (Jabalpur), not in the Malwa region as the table says. Jog/Gersoppa is on the Sharavati in the Western Ghats, not the Netravati. So only row 2 matches.

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Q10 · Set A

Consider the following information : Region Name of the mountain range Type of mountain

- 1. Central Asia Vosges Fold mountain**
- 2. Europe Alps Block mountain**
- 3. North America Appalachians Fold mountain**
- 4. South America Andes Fold mountain**

In how many of the above rows is the information correctly matched ?

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

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Explanation

(a) Only one. Two rows are correctly typed.

(b) Official key: Only two. Appalachians and Andes are fold mountains. Vosges are block, not fold; Alps are fold, not block.

(c) Only three. The first two rows are swapped types.

(d) All four. Vosges and Alps are mis-typed.

Summary. Official key is (b) only two. Vosges (Central Europe / west of the Rhine) are block (fault-block) mountains, not fold. The Alps are fold mountains, not block. The Appalachians and the Andes are fold mountains. So rows 3 and 4 match; 1 and 2 do not.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/consider-the-following-information-region-name-of-the-mountain-range-type-of-mountain-1-central-asia-vosges-fold-mountain-2-europe-alps-block-mountain-3-north-america-appalachians-fold-mountain-4-south-america-andes-fold/>

Q11 · Set A

Consider the following airports:

1. Donyi Polo Airport

2. Kushinagar International Airport

3. Vijayawada International Airport In the recent past,

which of the above have been constructed as Greenfield projects ?

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

General Studies · 2024 · Economy

Explanation

(a) Official key: 1 and 2 only. Donyi Polo (Itanagar) and Kushinagar were greenfield. Vijayawada is a developed / brownfield international airport, not a new greenfield build.

(b) 2 and 3 only. Drops Donyi Polo; wrongly keeps Vijayawada.

(c) 1 and 3 only. Drops Kushinagar; keeps Vijayawada.

(d) All three. Vijayawada is not keyed as a recent greenfield.

Summary. Official key is (a) 1 and 2 only. Donyi Polo Airport (Itanagar) and Kushinagar International Airport were built as greenfield projects. Vijayawada (Gannavaram) is an upgraded existing airport, not a fresh greenfield in the same sense. So 3 drops.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/consider-the-following-airports-1-donyi-polo-airport-2-kushinagar-international-airport-3-vijayawada-international-airport-in-the-recent-past-which-of-the-above-have-been-constructed-as-greenfield-projects/>

Q12 · Set A

With reference to "water vapour", which of the following statements is/are correct ?

1. It is a gas, the amount of which decreases with altitude.

2. Its percentage is maximum at the poles. Select the answer using the code given below :

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

General Studies · 2024 · Geography

Explanation

(a) Official key: 1 only. Water vapour is a gas and generally decreases with height.

(b) 2 only. Percentage is maximum in the warm tropics, not at the poles.

(c) Both. Statement 2 fails.

(d) Neither. Statement 1 holds.

Summary. Official key is (a) 1 only. Water vapour is a gas. Its amount typically falls with altitude. It is most abundant in warm, humid tropical air, not at the poles. So 2 is false.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/with-reference-to-water-vapour-which-of-the-following-statements-is-are-correct-1-it-is-a-gas-the-amount-of-which-decreases-with-altitude-2-its-percentage-is-maximum-at-the-poles-select-the-answer-using-the-code-given/>

Q13 · Set A

Consider the following description :

- 1. Annual and daily range of temperatures is low.**
- 2. Precipitation occurs throughout the year.**
- 3. Precipitation varies between 50 cm - 250 cm. What is this type of climate ?**

- (a) Equatorial climate
- (b) China type climate
- (c) Humid subtropical climate
- (d) Marine West coast climate

General Studies · 2024 · Geography

Explanation

(a) Equatorial. Rain is much heavier than 50-250 cm in classic Af; ranges of temperature are very low, but the rainfall band here is marine west-coast.

(b) China type. Greater seasonal range; monsoon-like summer rain.

(c) Humid subtropical. Hot summers; more seasonal contrast than marine west coast.

(d) Official key: Marine west-coast. Mild annual and daily range; rain all year, 50-250 cm (Cfb).

Summary. Official key is (d) marine west-coast climate. Western Europe / Pacific North-West type: small annual and daily temperature range, precipitation through the year, typically in the 50-250 cm band. Equatorial climates are wetter; China / humid subtropical types have hotter summers and a clearer seasonal pulse.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/consider-the-following-description-1-annual-and-daily-range-of-temperatures-is-low-2-precipitation-occurs-throughout-the-year-3-precipitation-varies-between-50-cm-250-cm-what-is-this-type-of-climate/>

Q14 · Set A

With reference to "Coriolis force", which of the following statements is/are correct ?

1. It increases with increase in wind velocity.

2. It is maximum at the poles and is absent at the equator. Select the answer using the code given below :

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

General Studies · 2024 · Geography

Explanation

(a) 1 only. The pole/equator pattern (2) is also keyed.

(b) 2 only. Magnitude also rises with wind speed (1).

(c) Official key: Both. Coriolis increases with velocity; max at poles, zero at equator.

(d) Neither. Both textbook properties hold.

Summary. Official key is (c) both. Coriolis acceleration is $2\Omega v \sin\phi$. It therefore increases with wind speed and with latitude: maximum at the poles, zero at the equator. Both statements are correct.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/with-reference-to-coriolis-force-which-of-the-following-statements-is-are-correct-1-it-increases-with-increase-in-wind-velocity-2-it-is-maximum-at-the-poles-and-is-absent-at-the-equator-select-the-answer-using-the-code/>

Q15 · Set A

On June 21 every year, which of the following latitude(s) experience(s) a sunlight of more than 12 hours ?

1. Equator
2. Tropic of Cancer
3. Tropic of Capricorn
4. Arctic Circle

Select the correct answer using the code given below :

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

General Studies · 2024 · Geography

Explanation

(a) 1 only. Equator has about 12 hours all year.

(b) 2 only. Arctic Circle is also in continuous / very long day on 21 June.

(c) 3 and 4. Tropic of Capricorn has its short day on 21 June.

(d) Official key: 2 and 4. Tropic of Cancer and Arctic Circle have more than 12 hours on 21 June.

Summary. Official key is (d) 2 and 4. On 21 June the Northern Hemisphere has its longest day. The Tropic of Cancer has more than 12 hours of daylight; the Arctic Circle has 24-hour sun. The equator stays near 12 hours. The Tropic of Capricorn has its winter short day. So only 2 and 4.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/on-june-21-every-year-which-of-the-following-latitude-s-experience-s-a-sunlight-of-more-than-12-hours-1-equator-2-tropic-of-cancer-3-tropic-of-capricorn-4-arctic-circle-select-the-correct-answer-using-the-code-given/>

Q16 · Set A

One of the following regions has the world's largest tropical peatland, which holds about three years worth of global carbon emissions from fossil fuels; and the possible destruction of which can exert detrimental effect on the global climate.

Which one of the following denote that region ?

- (a) Amazon Basin
- (b) Congo Basin
- (c) Kikon Basin
- (d) Rio de la Plata Basin

General Studies · 2024 · Environment and Ecology

Explanation

(a) Amazon Basin. Huge forest carbon; the "three years of fossil emissions" peat claim is the Congo Cuvette.

(b) Official key: Congo Basin. World's largest tropical peatland complex.

(c) Kikon Basin. Not a standard name for this peat store.

(d) Rio de la Plata. Estuary of Paraná-Uruguay; not that peatland.

Summary. Official key is (b) **Congo Basin**. The central Congo peatlands (Cuvette Centrale) are the world's largest tropical peatland and store on the order of three years of global fossil-fuel carbon emissions. Draining or burning them would matter for climate. Amazon carbon is mostly in trees, not this peat statistic.

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Q17 · Set A

With reference to perfluoroalkyl and polyfluoroalkyl substances (PFAS) that are used in making many consumer product, consider the following statements:

- 1. PFAS are found to be widespread in drinking water, food and food packaging material.**
- 2. PFAS are not easily degraded in the environment.**
- 3. Persistent exposure to PFAS can lead to bioaccumulation in animal bodies.**

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 · 2024 · Environment and Ecology

Explanation

(a) 1 and 2 only. Bioaccumulation (3) is also keyed.

(b) 2 and 3 only. Occurrence in water/food/packaging (1) is also keyed.

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

(d) Official key: 1, 2 and 3. Forever chemicals: widespread, persistent, bioaccumulative.

Summary. Official key is (d) all three. PFAS are widely found in drinking water, food and packaging. They resist degradation. They bioaccumulate in animals. All three statements hold.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/with-reference-to-perfluoroalkyl-and-polyfluoroalkyl-substances-pfas-that-are-used-in-making-many-consumer-product-consider-the-following-statements-1-pfas-are-found-to-be-widespread-in-drinking-water-food-and-food/>

Q18 · Set A

Consider the following :

- 1. Carabid beetles**
 - 2. Centipedes**
 - 3. Flies**
 - 4. Termites**
 - 5. Wasps Parasitoid species are found**
- how many of the above kind of organisms?**

- (a) Only two
- (b) Only three
- (c) Only four
- (d) All Five

General Studies · 2024 · Environment and Ecology

Explanation

(a) Only two. Parasitoids occur in more of the list.

(b) Official key: Only three. Flies, wasps and some beetles include parasitoids; centipedes and termites are not parasitoid groups here.

(c) Only four. Over-counts.

(d) All five. Centipedes are predators; termites are social decomposers, not parasitoids.

Summary. Official key is (b) only three. Parasitoids - insects whose larvae live in or on a host and kill it - are classic among wasps (Ichneumonoidea, Chalcidoidea), flies (Tachinidae) and some beetles (e.g. certain Carabidae / ripiphorids in the broader parasitoid story UPSC counts as three). Centipedes are predators; termites are not parasitoids. The paper keys three of the five kinds.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/consider-the-following-1-carabid-beetles-2-centipedes-3-flies-4-termites-5-wasps-parasitoid-species-are-found-how-many-of-the-above-kind-of-organisms/>

Q19 · Set A

Consider the following plants

- 1. Groundnut**
- 2. Horse-gram**
- 3. Soybean**

How many of the above belong to the pea family ?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

General Studies · 2024 · Environment and Ecology

Explanation

(a) Only one. All three are legumes.

(b) Only two. Under-counts.

(c) Official key: All three. Groundnut, horse-gram and soybean are Fabaceae.

(d) None. All belong to the pea family.

Summary. Official key is (c) all three. Groundnut (*Arachis*), horse-gram (*Macrotyloma*) and soybean (*Glycine*) are legumes - the pea family (Fabaceae).

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/consider-the-following-plants-1-groundnut-2-horse-gram-3-soybean-how-many-of-the-above-belong-to-the-pea-family/>

Q20 · Set A

Consider the following statements

Statement-I: The Indian Flying Fox is placed under the "vermin" category in the Wild Life (Protection) Act, 1972.

Statement-II: The Indian Flying Fox feeds on the blood of other animals.

Which one of the following is correct in respect of the above statements ?

- (a) Both Statement-I and Statement-II are correct and Statement-II explains Statement-I
- (b) Both Statement-I and Statement-II are correct, but Statement-II does not explain Statement-I.
- (c) Statement-I is correct, but Statement-II is incorrect
- (d) Statement-I is incorrect, but Statement-II is correct.

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Explanation

(a) Both correct and II explains I. Flying foxes are fruit bats, not blood-feeders.

(b) Both correct but II does not explain I. II is still false.

(c) I correct, II incorrect. Pteropus was notified as vermin in some States; it does not feed on blood.

(d) I incorrect, II correct. Statement-II describes vampire bats, not Indian flying fox.

Summary. The Commission later dropped this item, so there is no official key to mark. Still walk the options. The Indian flying fox (*Pteropus medius* / *giganteus*) is a fruit bat. It does not feed on blood - that is vampire bats of the Americas. It has been listed as vermin in some State notifications under the Wild Life (Protection) Act, which is why Statement-I is the coaching-true limb. WRAP does not stamp Official key on a withdrawn row.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/consider-the-following-statements-statement-i-the-indian-flying-fox-is-placed-under-the-vermin-category-in-the-wild-life-protection-act-1972-statement-ii-the-indian-flying-fox-feeds-on-the-blood-of-other-animals-which/>

Q21 · Set A

The organisms "Cicada, Froghopper and Pond skater" are :

- (a) Birds
- (b) Fish
- (c) Insects
- (d) Reptiles

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Explanation

(a) Birds. Cicadas and pond skaters are not birds.

(b) Fish. Froghoppers are not fish.

(c) Official key: Insects. Cicada, froghopper and pond skater are all insects.

(d) Reptiles. None of the three is a reptile.

Summary. Official key is (c) insects. Cicadas and froghoppers are hemipterans; pond skaters (Gerridae) are bugs that walk on water. None is a bird, fish or reptile.

Open WRAP page —

<https://wrapexams.com/upsc/prelims/gs/2024/the-organisms-cicada-froghopper-and-pond-skater-are/>

Q22 · Set A

Consider the following statements :

Statement-I : Many chewing gums found in the market are considered a source of environmental pollution.

Statement-II: Many chewing gums contain plastic as gum base.

Which one of the following is correct in respect of the above statements ?

- (a) Both Statement-I and Statement-II are correct and Statement- II explains Statement-I
- (b) Both Statement-I and Statement-II are correct, but Statement-II does not explain Statement-I
- (c) Statement-I is correct, but Statement-II is incorrect
- (d) Statement-I is incorrect, but Statement-II is correct

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Explanation

(a) Official key: Both correct and II explains I. Synthetic gum base is a plastic; discarded gum is litter.

(b) Both correct but II does not explain I. The plastic base is why gum persists as pollution.

(c) I correct, II incorrect. Many gums do use a synthetic polymer base.

(d) I incorrect, II correct. Chewing-gum litter is a known urban pollutant.

Summary. Official key is (a). A large share of commercial chewing gum uses a synthetic (plastic) gum base. That polymer does not biodegrade readily, so discarded gum is a street and sewer pollutant. Statement-II explains Statement-I.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/consider-the-following-statements-statement-i-many-chewing-gums-found-in-the-market-are-considered-a-source-of-environmental-pollution-statement-ii-many-chewing-gums-contain-plastic-as-gum-base-which-one-of-the-following/>

Q23 · Set A

Consider the following pairs:

Country Animal found in its natural habitat

1. Brazil Indri

2. Indonesia Elk

3. Madagascar Bonobo

How many of the pairs given above are correctly matched ?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

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Explanation

(a) Only one. All three pairings are wrong.

(b) Only two. None of the three habitats match.

(c) All three. Indri is Madagascar, elk is not Indonesia's flagship, bonobo is Congo.

(d) Official key: None. Brazil-Indri, Indonesia-Elk, Madagascar-Bonobo are all mismatches.

Summary. Official key is (d) none. Indri is a lemur of Madagascar, not Brazil. Elk (wapiti) is a Holarctic deer, not an Indonesian endemic. Bonobo is a great ape of the Congo basin, not Madagascar. Zero pairs match.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/consider-the-following-pairs-country-animal-found-in-its-natural-habitat-1-brazil-indri-2-indonesia-elk-3-madagascar-bonobo-how-many-of-the-pairs-given-above-are-correctly-matched/>

Q24 · Set A

Consider the following statements regarding World Toilet Organization :

- 1. It is one of the agencies of the United Nations.**
- 2. World Toilet Summit, World Toilet Day and World Toilet College are the initiatives of this organization, to inspire action to tackle the global sanitation crisis.**
- 3. The main focus of its function is to grant funds to the least developed countries and developing countries to achieve the end of open defecation.**

Which of the statements given above is/are correct ?

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

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Explanation

(a) Official key: 2 only. WTO (toilets) is a global NGO: Summit, World Toilet Day advocacy, World Toilet College. Not a UN agency; not a fund-granting UN body.

(b) 3 only. It does not exist to grant funds as its main function.

(c) 1 and 2. It is not a UN agency.

(d) 2 and 3. Statement 3 over-claims the funding role.

Summary. Official key is (a) 2 only. The World Toilet Organization is a Singapore-based global NGO. It runs the World Toilet Summit, pushed for UN World Toilet Day, and runs the World Toilet College. It is not a UN specialised agency, and its core work is advocacy and training, not granting funds to LDCs. So only 2 holds.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/consider-the-following-statements-regarding-world-toilet-organization-1-it-is-one-of-the-agencies-of-the-united-nations-2-world-toilet-summit-world-toilet-day-and-world-toilet-college-are-the-initiatives-of-this/>

Q25 · Set A

Consider the following statements:

- 1. Lions do not have a particular breeding season.**
- 2. Unlike most other big cats, cheetahs do not roar.**
- 3. Unlike male lions, male leopards do not proclaim their territory by scent marking.**

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. Lions breed year-round; cheetahs cannot roar (they purr / chirp).

(b) 2 and 3 only. Male leopards do scent-mark territory; 3 is false.

(c) 1 and 3 only. Drops the true cheetah-roar limb.

(d) All three. Statement 3 fails.

Summary. Official key is (a) 1 and 2 only. Lions have no tightly fixed breeding season. Cheetahs, unlike lion/tiger/leopard/jaguar, cannot roar; they purr and chirp. Male leopards do scent-mark territory, so statement 3 is false.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/consider-the-following-statements-1-lions-do-not-have-a-particular-breeding-season-2-unlike-most-other-big-cats-cheetahs-do-not-roar-3-unlike-male-lions-male-leopards-do-not-proclaim-their-territory-by-scent-marking/>

Q26 · Set A

Which one of the following is the correct description of "100 Million Farmers" ?

- (a) It is a platform for accelerating the transition towards food and water systems that are net-zero (carbon), nature- positive and that aims to increase farmer resilience.
- (b) It is an international alliance and a network of individuals and farming organisations interested in supporting and strengthening the development of the organic animal husbandry.
- (c) It is a digital platform fully integrated with service providers and built on blockchain that lets buyers, sellers and third parties trade fertilizers quickly and securely.
- (d) It is a platform with the mission of encouraging the farmers to form Farmer Product Organisations or Agribusiness Consortiums, thus facilitating the access to global open markets to sell their products.

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Explanation

(a) Official key: A platform to accelerate net-zero, nature-positive food and water systems and farmer resilience.

(b) Organic animal-husbandry alliance. Not this label.

(c) Blockchain fertiliser marketplace. Not this label.

(d) FPO / global-market platform. Not the World Economic Forum 100 Million Farmers initiative.

Summary. Official key is (a). "100 Million Farmers" is a World Economic Forum platform to shift food and water systems toward net-zero and nature-positive outcomes and to raise farmer resilience. The other options describe different kinds of agri-networks.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/which-one-of-the-following-is-the-correct-description-of-100-million-farmers/>

Q27 · Set A

Consider the following:

- 1. Battery storage**
- 2. Biomass generators**
- 3. Fuel cells**
- 4. Rooftop solar photovoltaic units**

How many of the above are considered "Distributed Energy Resources"

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

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Explanation

(a) Only one. All four are DERs.

(b) Only two. Under-counts.

(c) Only three. Rooftop solar, batteries, fuel cells and biomass gensets are all distributed.

(d) Official key: All four. Behind-the-meter / grid-edge resources.

Summary. Official key is (d) all four. Distributed Energy Resources sit at or near the load: rooftop PV, battery storage, fuel cells and small biomass generators. None of the four is a centralised utility-scale-only category in this listing.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/consider-the-following-1-battery-storage-2-biomass-generators-3-fuel-cells-4-rooftop-solar-photovoltaic-units-how-many-of-the-above-are-considered-distributed-energy-resources/>

Q28 · Set A

Which one of the following shows a unique relationship with an insect that has coevolved with it and that is the only insect that ta pollinate this tree ?

- (a) Fig
- (b) Mahua
- (c) Sandalwood
- (d) Silk cotton

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Explanation

(a) Official key: Fig. Each fig species is pollinated by its own fig wasp - a classic obligate mutualism.

(b) Mahua. Bat- and insect-pollinated, not a single coevolved insect.

(c) Sandalwood. Not an obligate one-insect tree in this sense.

(d) Silk cotton. Bird- and bat-pollinated kapok/semal, not a unique wasp.

Summary. Official key is (a) fig. Ficus and agaonid fig wasps are the textbook coevolved pair: the wasp is the only pollinator of that fig, and the fig is the only host of that wasp. Mahua, sandalwood and silk cotton do not have that exclusive insect lock.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/which-one-of-the-following-shows-a-unique-relationship-with-an-insect-that-has-coevolved-with-it-and-that-is-the-only-insect-that-ta-pollinate-this-tree/>

Q29 · Set A

Consider the following :

1. Butterflies

2. Fish

3. Frogs

How many of the above have poisonous species among them ?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

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Explanation

(a) Only one. Poisonous butterflies, fish and frogs all exist.

(b) Only two. Under-counts.

(c) Official key: All three. Monarchs and others; puffer/stonefish; poison-dart and some Indian frogs.

(d) None. Each group has toxic species.

Summary. Official key is (c) all three. Some butterflies sequester plant toxins. Many fish are venomous or poisonous (puffer, stonefish). Frogs include poison-dart species and other toxic amphibians. So butterflies, fish and frogs all have poisonous species.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/consider-the-following-1-butterflies-2-fish-3-frogs-how-many-of-the-above-have-poisonous-species-among-them/>

Q30 · Set A

Consider the following:

- 1. Cashew**
- 2. Papaya**
- 3. Red sanders**

How many of the above trees are actually native to India?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

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Explanation

(a) Official key: Only one. Red sanders is native; cashew and papaya are New World introductions.

(b) Only two. Over-counts natives.

(c) All three. Cashew (Brazil) and papaya (Central America) are not Indian natives.

(d) None. Red sanders (*Pterocarpus santalinus*) is endemic to the Eastern Ghats.

Summary. Official key is (a) only one. Red sanders is native to India. Cashew was brought from Brazil; papaya from the Americas. So only one of the three trees is actually native.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/consider-the-following-1-cashew-2-papaya-3-red-sanders-how-many-of-the-above-trees-are-actually-native-to-india/>

Q31 · Set A

With reference to radioisotope thermoelectric generators (RTGs), consider the following statements:

- 1. RTGs are miniature fission reactors.**
- 2. RTGs are used for powering the onboard systems of spacecrafts.**
- 3. RTGs can use Plutonium-238, which is a by-product of weapons development**

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. RTGs are not miniature fission reactors.

(b) Official key: 2 and 3 only. Used on spacecraft; Pu-238 from the nuclear complex, including weapons-related production historically.

(c) 1 and 3 only. Drops the true spacecraft use; keeps the false fission claim.

(d) All three. Statement 1 fails: RTGs are radioisotope decay heat + thermocouples, not a fission pile.

Summary. Official key is (b) 2 and 3 only. An RTG converts heat from radioactive decay (often plutonium-238) into electricity with thermocouples. It is not a miniature fission reactor. RTGs power spacecraft (Voyager, Curiosity, etc.). Pu-238 has been produced in reactors tied to the weapons complex. So 1 is false; 2 and 3 hold.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/with-reference-to-radioisotope-thermoelectric-generators-rtgs-consider-the-following-statements-1-rtgs-are-miniature-fission-reactors-2-rtgs-are-used-for-powering-the-onboard-systems-of-spacecrafts-3-rtgs-can-use/>

Q32 · Set A

Consider the following statements:

Statement-I: Giant stars live much longer than dwarf stars.

Statement-II: Compared to dwarf stars, giant stars have a greater rate of nuclear reactions.

Which one of the following is correct in respect of the above statements?

- (a) Both Statement-I and Statement-II are correct and Statement-I Statement-II explains
- (b) Both Statement-I and Statement-II are correct, but Statement-II does not explain Statement-I
- (c) Statement-I is correct, but Statement-II is incorrect
- (d) Statement-I is incorrect, but Statement-II is correct

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Explanation

(a) Both correct and II explains I. Giants burn faster and live shorter lives, not longer.

(b) Both correct but II does not explain I. Statement-I is false.

(c) I correct, II incorrect. Giants do have higher nuclear rates.

(d) Official key: I incorrect, II correct. Dwarfs live longer; giants have faster fusion.

Summary. Official key is (d). Giant stars are luminous and fuse fuel at a high rate, so they live much shorter lives than dwarf stars of lower mass. Statement-I reverses that. Statement-II is true and explains why giants die young - it does not make I true.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/consider-the-following-statements-statement-i-giant-stars-live-much-longer-than-dwarf-stars-statement-ii-compared-to-dwarf-stars-giant-stars-have-a-greater-rate-of-nuclear-reactions-which-one-of-the-following-is-correct/>

Q33 · Set A

Which one of the following is synthesised in human body that dilates blood vessels and increases blood flow?

- (a) Nitric oxide
- (b) Nitrous oxide
- (c) Nitrogen dioxide
- (d) Nitrogen pentoxide

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Explanation

(a) Official key: Nitric oxide. Endothelium-derived relaxing factor; dilates vessels.

(b) Nitrous oxide. Anaesthetic ("laughing gas"), not the body's dilator molecule.

(c) Nitrogen dioxide. Pollutant, not a vasodilator hormone.

(d) Nitrogen pentoxide. Not a human signalling molecule.

Summary. Official key is (a) nitric oxide (NO). Vascular endothelium makes NO, which relaxes smooth muscle and increases blood flow. Nitrous oxide (N₂O) is an anaesthetic. NO₂ and N₂O₅ are not the endogenous dilator.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/which-one-of-the-following-is-synthesised-in-human-body-that-dilates-blood-vessels-and-increases-blood-flow/>

Q34 · Set A

Consider the following activities:

- 1. Identification of narcotics on passengers at airports or in aircraft**
- 2. Monitoring of precipitation**
- 3. Tracking the migration of animals**

In how many of the above activities can the radars be used?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

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Explanation

(a) Only one. Radar is used in more than one of the listed tasks.

(b) Official key: Only two. Weather radar monitors precipitation; wildlife radar tracks migrating animals. Narcotics screening is typically X-ray / trace / dogs, not radar as the tool.

(c) All three. Airport narcotics identification is not a radar job in this listing.

(d) None. Two of the three use radar.

Summary. Official key is (b) only two. Weather radars monitor precipitation. Radars (and radar-like tracking) are used to follow bird and animal migration. Finding narcotics on passengers is imaging, sniffers and dogs - not radar as the named tool. So two activities, not three.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/consider-the-following-activities-1-identification-of-narcotics-on-passengers-at-airports-or-in-aircraft-2-monitoring-of-precipitation-3-tracking-the-migration-of-animals-in-how-many-of-the-above-activities-can-the/>

Q35 · Set A

Consider the following aircraft:

- 1. Rafael**
- 2. MiG-29**
- 3. Tejas MK-1**

How many of the above are considered fifth generation fighter aircraft?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

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Explanation

- (a)** Only one. None of the three is fifth-generation.
- (b)** Only two. Rafale, MiG-29 and Tejas Mk-1 are 4 / 4.5 gen.
- (c)** All three. Fifth-gen examples are F-22, F-35, Su-57, J-20 - not this list.
- (d) Official key:** None. All three are 4th / 4.5th generation fighters.

Summary. Official key is (d) none. Rafale is 4.5-generation, MiG-29 is 4th-generation, Tejas Mk-1 is a 4th / light combat aircraft. None is a fifth-generation stealth fighter.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/consider-the-following-aircraft-1-rafael-2-mi-g-29-3-tejas-mk-1-how-many-of-the-above-are-considered-fifth-generation-fighter-aircraft/>

Q36 · Set A

In which of the following are hydrogels used?

- 1. Controlled drug delivery in patients**
- 2. Mobile air- conditioning systems**
- 3. Preparation of industrial lubricants**

Select the correct answer using the code given below:

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

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Explanation

(a) Official key: 1 only. Hydrogels are used in controlled drug delivery. Mobile AC and industrial lubricants are not the keyed uses here.

(b) 1 and 2 only. Statement 2 is not keyed.

(c) 2 and 3 only. Drops the true biomedical use.

(d) All three. The paper keys only drug delivery.

Summary. Official key is (a) 1 only. Hydrogels (water-swollen polymer networks) are used to release drugs in a controlled way. On this paper, mobile air-conditioning and industrial lubricants are not counted as hydrogel uses. So only 1.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/in-which-of-the-following-are-hydrogels-used-1-controlled-drug-delivery-in-patients-2-mobile-air-conditioning-systems-3-preparation-of-industrial-lubricants-select-the-correct-answer-using-the-code-given-below/>

Q37 · Set A

Which one of the following is the exhaust pipe emission from Fuel Cell Electric Vehicles, powered by hydrogen?

- (a) Hydrogen peroxide
- (b) Hydronium
- (c) Oxygen
- (d) Water vapour

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Explanation

(a) Hydrogen peroxide. Not the FCEV tailpipe product.

(b) Hydronium. Aqueous H_3O^+ , not the exhaust gas.

(c) Oxygen. The cell consumes oxygen from air, it does not exhaust it as the product.

(d) Official key: Water vapour. $\text{H}_2 + \text{O}_2$ in a fuel cell $\rightarrow$ electricity + H_2O .

Summary. Official key is (d) water vapour. A hydrogen fuel-cell electric vehicle combines hydrogen with oxygen; the exhaust is water (vapour). Not peroxide, hydronium or oxygen.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/which-one-of-the-following-is-the-exhaust-pipe-emission-from-fuel-cell-electric-vehicles-powered-by-hydrogen/>

Q38 · Set A

Recently, the term "pumped-storage hydropower" is actually and appropriately discussed in the context of which one of the following?

- (a) Irrigation of terraced crop fields
- (b) Lift irrigation of cereal crops
- (c) Long duration energy storage
- (d) Rainwater harvesting system

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Explanation

(a) Terraced irrigation. Pumped storage is not that.

(b) Lift irrigation of cereals. Different pumps, different purpose.

(c) Official key: Long-duration energy storage. Pump up when power is cheap; generate when it is scarce.

(d) Rainwater harvesting. Not pumped-storage hydro.

Summary. Official key is (c). Pumped-storage hydropower moves water between two reservoirs to store electricity for hours to days - long-duration energy storage. It is not an irrigation or rainwater-harvesting scheme.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/recently-the-term-pumped-storage-hydropower-is-actually-and-appropriately-discussed-in-the-context-of-which-one-of-the-following/>

Q39 · Set A

"Membrane Bioreactors" are often discussed in the context of:

- (a) Assisted reproductive technologies
- (b) Drug delivery nanotechnologies
- (c) Vaccine production technologies
- (d) Wastewater treatment technologies

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Explanation

(a) Assisted reproduction. That is IVF / ICSI, not MBR.

(b) Drug-delivery nanotech. Different membranes.

(c) Vaccine production. Not the usual MBR headline.

(d) Official key: Wastewater treatment. Membrane bioreactors combine activated sludge with membrane filtration.

Summary. Official key is (d) wastewater treatment. A membrane bioreactor (MBR) couples biological treatment with a membrane to separate sludge from treated water. It is a sewage / industrial-effluent technology, not IVF or vaccines.

Open WRAP page —

<https://wrapexams.com/upsc/prelims/gs/2024/membrane-bioreactors-are-often-discussed-in-the-context-of/>

Q40 · Set A

With reference to the Indian economy, "Collateral Borrowing and Lending Obligations are the instruments of:

- (a) Bond market
- (b) Forex market
- (c) Money market
- (d) Stock market

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Explanation

(a) Bond market. CBLO was a money-market collateralised borrowing product.

(b) Forex market. Not FX.

(c) Official key: Money market. CBLO: collateralised overnight / short-term borrowing and lending.

(d) Stock market. Not equities.

Summary. Official key is (c) money market. Collateralised Borrowing and Lending Obligations (CBLO) were CCIL products for collateralised short-term lending - a money-market instrument (later migrated to the tri-party repo segment). Not bonds as a capital-market class, not forex, not stocks.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/with-reference-to-the-indian-economy-collateral-borrowing-and-lending-obligations-are-the-instruments-of/>

Q41 · Set A

The total fertility rate in a economy is defined as :

- (a) the number of children born per 1000 people in the population in a year.
- (b) the number of children born to couple in their lifetime in a given population.
- (c) the birth rate minus death rate.
- (d) the average number of live births a woman would have by the end of her child- bearing age.

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Explanation

- (a)** Children per 1,000 people in a year. That is a crude birth rate, not TFR.
- (b)** Children born to a couple in their lifetime. TFR is per woman, not per couple.
- (c)** Birth rate minus death rate. That is natural increase.
- (d) Official key:** Average live births a woman would have by the end of child-bearing, given current age-specific rates.

Summary. Official key is (d). Total fertility rate is the average number of live births a woman would have over her reproductive life if current age-specific fertility rates held. It is not CBR, not "per couple", and not birth minus death.

Open WRAP page —

<https://wrapexams.com/upsc/prelims/gs/2024/the-total-fertility-rate-in-a-economy-is-defined-as/>

Q42 · Set A

Consider the following statements:

- 1. In India, Non- Banking Financial Companies can access the Liquidity Adjustment Facility window of the Reserve Bank of India.**
- 2. In India, Foreign Institutional Investors can hold the Government Securities (G-Secs).**
- 3. In India, Stock Exchanges can offer separate trading platforms for debts.**

Which of the statements given above is/are correct?

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

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Explanation

(a) 1 and 2 only. Debt platforms at exchanges (3) are also keyed.

(b) 3 only. The paper keys all three statements.

(c) Official key: 1, 2 and 3. NBFCs and LAF as keyed here; FIIs may hold G-Secs; exchanges can run debt platforms.

(d) 2 and 3 only. Drops statement 1, which this paper keeps.

Summary. Official key is (c) 1, 2 and 3. On this paper all three statements are treated as correct: NBFC access to the RBI's Liquidity Adjustment Facility window, FII/FPI holding of G-Secs, and stock exchanges offering separate debt-trading platforms. Honour the Commission letter even where coaching splits LAF as banks-only.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/consider-the-following-statements-1-in-india-non-banking-financial-companies-can-access-the-liquidity-adjustment-facility-window-of-the-reserve-bank-of-india-2-in-india-foreign-institutional-investors-can-hold-the/>

Q43 · Set A

In India, which of the following can trade in Corporate Bonds and Government Securities?

- 1. Insurance Companies**
- 2. Pension Funds**
- 3. Retail Investors**

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

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Explanation

(a) 1 and 2 only. Retail investors can also access G-Secs and corporate bonds.

(b) 2 and 3 only. Insurers are large holders of both.

(c) 1 and 3 only. Pension funds also trade these papers.

(d) Official key: 1, 2 and 3. Insurers, pension funds and retail (RBI Retail Direct / exchanges) can all participate.

Summary. Official key is (d) all three. Insurance companies and pension funds are core holders of G-Secs and corporate bonds. Retail investors can buy them via RBI Retail Direct, gilt funds and exchange platforms. All three can trade in that market.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/in-india-which-of-the-following-can-trade-in-corporate-bonds-and-government-securities-1-insurance-companies-2-pension-funds-3-retail-investors-select-the-correct-answer-using-the-code-given-below/>

Q44 · Set A

Consider the following:

- 1. Exchange-Traded Funds (ETF)**
- 2. Motor vehicles**
- 3. Currency swap**

Which of the above is/are considered financial instruments?

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

General Studies · 2024 · Economy

Explanation

(a) 1 only. Currency swaps are also financial instruments.

(b) 2 and 3 only. A motor vehicle is a real asset, not a financial instrument.

(c) All three. Motor vehicles drop.

(d) Official key: 1 and 3 only. ETFs and currency swaps; not cars.

Summary. Official key is (d) 1 and 3 only. An ETF is a traded financial claim. A currency swap is a derivative / FX instrument. A motor vehicle is physical capital, not a financial instrument. So 2 drops.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/consider-the-following-1-exchange-traded-funds-etf-2-motor-vehicles-3-currency-swap-which-of-the-above-is-are-considered-financial-instruments/>

Q45 · Set A

With reference to the sectors of the Indian economy, consider the following pairs:

Economic activity Sector

- 1. Storage of agricultural produce Secondary**
- 2. Dairy farm Primary**
- 3. Mineral exploration Tertiary**
- 4. Weaving cloth Secondary**

How many of the pairs given above are correctly matched?

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

General Studies · 2024 · Economy

Explanation

(a) Only one. Two pairs match.

(b) Official key: Only two. Dairy farm is primary; weaving cloth is secondary. Storage is tertiary; mineral exploration is not tertiary in this pairing.

(c) Only three. Storage of produce is tertiary (services), not secondary - pair 1 fails. Mineral exploration is primary/extractive, not tertiary - pair 3 fails.

(d) All four. Pairs 1 and 3 are mismatches.

Summary. Official key is (b) only two. Dairy farming is primary. Weaving is secondary (manufacturing). Storing agricultural produce is a tertiary/service activity, not secondary. Mineral exploration is a primary-sector activity, not tertiary. So only pairs 2 and 4 match.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/with-reference-to-the-sectors-of-the-indian-economy-consider-the-following-pairs-economic-activity-sector-1-storage-of-agricultural-produce-secondary-2-dairy-farm-primary-3-mineral-exploration-tertiary-4-weaving-cloth/>

Q46 · Set A

Consider the following materials:

1. Agricultural residues
2. Corn grain
3. Wastewater treatment sludge
4. Wood mill waste

Which of the above can be used as feedstock for producing Sustainable Aviation Fuel?

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

General Studies · 2024 · Environment and Ecology

Explanation

(a) 1 and 2 only. Sludge and wood waste are also SAF feedstocks.

(b) 3 and 4 only. Agri residues and corn grain are also used.

(c) Official key: All four. HEFA / alcohol-to-jet / gasification routes take biomass, oils, residues and wastes.

(d) 1, 3 and 4 only. Corn grain (ethanol path) is also a listed SAF feedstock.

Summary. Official key is (c) all four. Sustainable Aviation Fuel can be made from agricultural residues, corn (alcohol-to-jet), wastewater sludges and wood-mill waste, among other certified feedstocks. None of the four is excluded on this paper.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/consider-the-following-materials-1-agricultural-residues-2-corn-grain-3-wastewater-treatment-sludge-4-wood-mill-waste-which-of-the-above-can-be-used-as-feedstock-for-producing-sustainable-aviation-fuel/>

Q47 · Set A

With reference to physical capital in Indian economy, consider the following pairs:

Items Category

- 1. Farmer's plough Working capital**
- 2. Computer Fixed capital**
- 3. Yarn used by the weaver Fixed capital**
- 4. Petrol Working capital**

How many of the above pairs are correctly matched?

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

General Studies · 2024 · Economy

Explanation

(a) Only one. Two pairs are right.

(b) Official key: Only two. Computer is fixed capital; petrol is working capital. Plough is fixed, not working; yarn is working, not fixed.

(c) Only three. Pairs 1 and 3 are swapped types.

(d) All four. Farmer's plough is a tool (fixed); yarn is a raw material (working).

Summary. Official key is (b) only two. Fixed capital lasts over production cycles (computer, plough). Working capital is used up (yarn, petrol). Pair 2 (computer-fixed) and pair 4 (petrol-working) match. Pair 1 wrongly calls the plough working capital; pair 3 wrongly calls yarn fixed capital.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/with-reference-to-physical-capital-in-indian-economy-consider-the-following-pairs-items-category-1-farmers-plough-working-capital-2-computer-fixed-capital-3-yarn-used-by-the-weaver-fixed-capital-4-petrol-working-capital/>

Q48 · Set A

Which one of the following words/phrases is most appropriately used to denote "an interoperable network of 3D virtual worlds that can be accessed simultaneously by millions of users, who can exert property rights over virtual items"?

- (a) Big data analytics
- (b) Cryptography
- (c) Metaverse
- (d) Virtual matrix

General Studies · 2024 · Current Affairs and GK

Explanation

(a) Big data analytics. Processing large datasets, not a 3D virtual-world network.

(b) Cryptography. Securing information, not the world itself.

(c) Official key: Metaverse. Interoperable 3D virtual worlds, simultaneous users, virtual property rights.

(d) Virtual matrix. Not the standard term for this definition.

Summary. Official key is (c) metaverse. The stem is the usual definition: linked 3D virtual worlds, many users at once, who can hold rights in virtual items. Big data and cryptography are neighbouring tech, not that place.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/which-one-of-the-following-words-phrases-is-most-appropriately-used-to-denote-an-interoperable-network-of-3d-virtual-worlds-that-can-be-accessed-simultaneously-by-millions-of-users-who-can-exert-property-rights-over/>

Q49 · Set A

With reference to the rule/rules imposed by the Reserve Bank of India while treating foreign banks, consider the following statements:

- 1. There is no minimum capital requirement for wholly owned banking subsidiaries in India.**
- 2. For wholly owned banking subsidiaries in India, at least 50% of the board members should be Indian nationals.**

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 · 2024 · Economy

Explanation

(a) 1 only. Wholly owned subsidiaries do face a minimum capital requirement.

(b) 2 only. The 50% Indian-national board rule is not the RBI WOS rule as stated.

(c) Both. Both statements fail on this paper.

(d) Official key: Neither. Minimum capital applies; board composition is not "at least 50% Indian nationals" as the statement puts it.

Summary. Official key is (d) neither. RBI requires substantial minimum capital for a wholly owned banking subsidiary. The board rule in the statement (at least 50% Indian nationals) is not accepted as a correct statement of the WOS regime on this paper. So both 1 and 2 are false.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/with-reference-to-the-rule-rules-imposed-by-the-reserve-bank-of-india-while-treating-foreign-banks-consider-the-following-statements-1-there-is-no-minimum-capital-requirement-for-wholly-owned-banking-subsidaries-in/>

Q50 · Set A

With reference to Corporate Social Responsibility (CSR) rules in India, consider the following statements:

- 1. CSR rules specify that expenditures that benefit the company directly or its employees will not be considered as CSR activities.**
- 2. CSR rules do not specify minimum spending on CSR activities.**

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 · 2024 · Economy

Explanation

(a) Official key: 1 only. Spend that benefits the company or its employees is generally not CSR; a 2% minimum is specified.

(b) 2 only. Companies Act does specify a minimum CSR spend (2% of average net profits).

(c) Both. Statement 2 is false.

(d) Neither. Statement 1 holds.

Summary. Official key is (a) 1 only. CSR rules exclude activities that benefit the company or its employees (except some listed exceptions). **Section 135** does specify a minimum: 2% of average net profits of the last three years for eligible companies. So statement 2 is false.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/with-reference-to-corporate-social-responsibility-csr-rules-in-india-consider-the-following-statements-1-csr-rules-specify-that-expenditures-that-benefit-the-company-directly-or-its-employees-will-not-be-considered-as/>

Q51 · Set A

Consider the following statements :

Statement-I : If the United States of America (USA) were to default on its debt, holders of US Treasury Bonds will not be able to exercise their claims to receive payment.

Statement-II : The USA Government debt is not backed by any hard assets, but only by the faith of the Government.

Which one of the following is correct in respect of the above statements ?

- (a) Both Statement-I and Statement-II are correct and Statement- II explains Statement-I
- (b) Both Statement-I and Statement-II are correct, but Statement-II does not explain Statement-I
- (c) Statement-I is correct, but Statement-II is incorrect
- (d) Statement-I is incorrect, but Statement-II is correct

General Studies · 2024 · Economy

Explanation

(a) Official key: Both correct and II explains I. Treasuries are faith-and-credit paper, not asset-backed; default blocks payment claims in that sense.

(b) Both correct but II does not explain I. The lack of hard collateral is why holders cannot seize assets.

(c) I correct, II incorrect. US debt is not hard-asset collateralised.

(d) I incorrect, II correct. Statement-I is keyed as correct on this paper.

Summary. Official key is (a). US Treasuries are backed by the full faith and credit of the United States, not by a pool of hard assets a holder can seize. If the United States were to default, holders could not enforce payment by claiming collateral. Statement-II is that legal fact and is treated as explaining Statement-I.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/consider-the-following-statements-statement-i-if-the-united-states-of-america-usa-were-to-default-on-its-debt-holders-of-us-treasury-bonds-will-not-be-able-to-exercise-their-claims-to-receive-payment-statement-ii-the-usa/>

Q52 · Set A

Consider the following statements :

Statement-I : Syndicated lending spreads the risk of borrower default across multiple lenders.

Statement-II : The syndicated loan can be a fixed amount/lump sum of funds, but cannot be a credit line.

Which one of the following is correct in respect of the above statements ?

- (a) Both Statement-I and Statement-II are correct and Statement-II explains Statement-I
- (b) Both Statement-I and Statement-II are correct, but Statement-II does not explain Statement-I
- (c) Statement-I is correct, but Statement-II is incorrect
- (d) Statement-I is incorrect, but Statement-II is correct

General Studies · 2024 · Economy

Explanation

(a) Both correct and II explains I. Statement-II is false: a syndicate can include a revolving credit line.

(b) Both correct but II does not explain I. II is still the false limb.

(c) I correct, II incorrect. Risk is spread across lenders; the facility need not be a lump sum only.

(d) I incorrect, II correct. Syndicated lending does spread default risk.

Summary. The Commission later dropped this item, so there is no official key to mark. Still walk the options. Syndicated lending does spread borrower-default risk across banks. A syndicated facility can be a term loan or a revolving credit line - Statement-II over-claims. Coaching keys (c); WRAP does not stamp Official key on a withdrawn row.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/consider-the-following-statements-statement-i-syndicated-lending-spreads-the-risk-of-borrower-default-across-multiple-lenders-statement-ii-the-syndicated-loan-can-be-a-fixed-amount-lump-sum-of-funds-but-cannot-be-a/>

Q53 · Set A

Consider the following statements in respect of the digital rupee:

- 1. It is a sovereign currency issued by the Reserve Bank of India (RBI) in alignment with its monetary policy.**
- 2. It appears as a liability on the RBI's balance sheet.**
- 3. It is insured against inflation by its very design.**
- 4. It is freely convertible against commercial bank money and cash.**

Which of the statements given above are correct ?

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

General Studies · 2024 · Economy

Explanation

(a) 1 and 2 only. Convertibility (4) is also keyed.

(b) 1 and 3 only. ₹ is not inflation-insured by design.

(c) 2 and 4 only. Drops the sovereign-currency limb, which is keyed.

(d) Official key: 1, 2 and 4. RBI CBDC; liability of RBI; convertible with cash and bank money. Not an inflation hedge by design.

Summary. Official key is (d) 1, 2 and 4. The digital rupee is a sovereign CBDC issued by the RBI, a liability on the RBI's balance sheet, and designed to be freely convertible with cash and commercial-bank money. It is not "insured against inflation by its very design" - statement 3 is false.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/consider-the-following-statements-in-respect-of-the-digital-rupee-1-it-is-a-sovereign-currency-issued-by-the-reserve-bank-of-india-rbi-in-alignment-with-its-monetary-policy-2-it-appears-as-a-liability-on-the-rbis-balance/>

Q54 · Set A

With reference to ancient India, Gautama Buddha was generally known by which of the following epithets ?

- 1. Nayaputta**
- 2. Shakyamuni**
- 3. Tathagata**

Select the correct answer using the code given below :

- (a) 1 only
- (b) 2 and 3 only
- (c) 1, 2 and 3
- (d) None of the above are epithets of Gautama Buddha

General Studies · 2024 · History (Ancient, Medieval, Modern)

Explanation

(a) 1 only. Nayaputta is an epithet of Mahavira, not the **Buddha**.

(b) Official key: 2 and 3 only. Shakyamuni and Tathagata are **Buddha** epithets.

(c) All three. Nayaputta does not belong here.

(d) None. Two of the three names are his.

Summary. Official key is (b) 2 and 3 only. Gautama is Shakyamuni (sage of the Shakyas) and Tathagata ("thus-gone"). Nayaputta / Nataputta is a Jain epithet of Mahavira (of the Jnatri clan). So 1 drops.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/with-reference-to-ancient-india-gautama-buddha-was-generally-known-by-which-of-the-following-epithets-1-nayaputta-2-shakyamuni-3-tathagata-select-the-correct-answer-using-the-code-given-below/>

Q55 · Set A

Consider the following information : Archaeological Site State Description

- 1. Chandraketugarh Odisha Trading Port town**
- 2. Inamgaon Maharashtra Chalcolithic site**
- 3. Mangadu Kerala Megalithic site**
- 4. Salihundam Andhra Pradesh Rock-cut cave shrines In**

which of the above rows is given information correctly matched ?

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

General Studies · 2024 · History (Ancient, Medieval, Modern)

Explanation

(a) 1 and 2. Chandraketugarh is in West Bengal, not Odisha.

(b) Official key: 2 and 3. Inamgaon is a Maharashtra Chalcolithic site; Mangadu a Kerala megalithic site.

(c) 3 and 4. Salihundam is a Buddhist site in Andhra, not rock-cut cave shrines as paired here.

(d) 1 and 4. Both of those rows are mismatches.

Summary. Official key is (b) 2 and 3. Inamgaon (Maharashtra) is a well-known Chalcolithic settlement. Mangadu (Kerala) is a megalithic site. Chandraketugarh is a trading settlement in West Bengal, not Odisha. Salihundam is a Buddhist complex in Srikakulam, not correctly described as rock-cut cave shrines in this table. So only rows 2 and 3 match.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/consider-the-following-information-archaeological-site-state-description-1-chandraketugarh-odisha-trading-port-town-2-inamgaon-maharashtra-chalcolithic-site-3-mangadu-kerala-megalithic-site-4-salihundam-andhra-pradesh/>

Q56 · Set A

Who of the following rulers of medieval India gave permission to the Portuguese to build a fort at Bhatkal ?

- (a) Krishnadevaraya
- (b) Narasimha Saluva
- (c) Muhammad Shah III
- (d) Yusuf Adil Shah

General Studies · 2024 · History (Ancient, Medieval, Modern)

Explanation

(a) Official key: Krishnadevaraya. Permitted the Portuguese fort at Bhatkal.

(b) Narasimha Saluva. Earlier Tuluva/Saluva context; not this grant.

(c) Muhammad Shah III. Bahmani sultan; not the Bhatkal grantor here.

(d) Yusuf Adil Shah. Bijapur; other Portuguese dealings, not this keyed row.

Summary. Official key is (a) Krishnadevaraya. The Vijayanagara emperor allowed the Portuguese to build a fort at Bhatkal on the Kanara coast. The other names belong to neighbouring dynasties or earlier generations.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/who-of-the-following-rulers-of-medieval-india-gave-permission-to-the-portuguese-to-build-a-fort-at-bhatkal/>

Q57 · Set A

With reference to revenue collection by Cornwallis, consider the following statements :

- 1. Under the Ryotwari Settlement of revenue collection, the peasants were exempted from revenue payment in case of bad harvests or natural calamities.**
- 2. Under the Permanent Settlement in Bengal, if the Zamindar failed to pay his revenues to the state, on or before the fixed date, he would be removed from his Zamindari.**

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 · 2024 · History (Ancient, Medieval, Modern)

Explanation

(a) 1 only. Ryotwari did not generally exempt peasants from revenue in bad years as a standing rule.

(b) 2 only. Permanent Settlement: the "**Sunset Law**" could dispossess a defaulting zamindar.

(c) Both. Statement 1 is the weaker / false limb.

(d) Neither. Statement 2 is the standard Cornwallis-Bengal rule.

Summary. The Commission later dropped this item, so there is no official key to mark. Still walk the options. Under the Permanent Settlement a zamindar who missed the fixed date could lose the zamindari (Sunset Law). Ryotwari did not, as a general rule, exempt peasants from revenue after a bad harvest. Coaching keys (b); WRAP does not stamp Official key on a withdrawn row.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/with-reference-to-revenue-collection-by-cornwallis-consider-the-following-statements-1-under-the-ryotwari-settlement-of-revenue-collection-the-peasants-were-exempted-from-revenue-payment-in-case-of-bad-harvests-or/>

Q58 · Set A

Consider the following statements:

- 1. There are no parables in Upanishads.**
- 2. Upanishads were composed earlier than the Puranas.**

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 · 2024 · Art and Culture

Explanation

(a) 1 only. Upanishads do contain parables and dialogues.

(b) Official key: 2 only. Upanishads are earlier than the Puranas.

(c) Both. Statement 1 is false.

(d) Neither. Statement 2 holds.

Summary. Official key is (b) 2 only. The principal Upanishads belong to the later Vedic / early philosophical layer; the Puranas are a much later genre. Statement 1 is false: Upanishads use stories and parables (Yama-Nachiketa, Yajnavalkya dialogues). So only 2 is correct.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/consider-the-following-statements-1-there-are-no-parables-in-upanishads-2-upanishads-were-composed-earlier-than-the-puranas-which-of-the-statements-given-above-is-are-correct/>

Q59 · Set A

Consider the following statements:

- 1. India is a member of the International Grains Council.**
- 2. A country needs to be a member of the International Grains Council for exporting or importing rice and wheat.**

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 · 2024 · Current Affairs and GK

Explanation

(a) Official key: 1 only. India is an IGC member; membership is not a precondition to trade rice and wheat.

(b) 2 only. Countries trade grains without IGC membership.

(c) Both. Statement 2 over-claims.

(d) Neither. Statement 1 is true.

Summary. Official key is (a) 1 only. India is a member of the International Grains Council. Membership is not a legal requirement to export or import rice and wheat. So 2 is false.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/consider-the-following-statements-1-india-is-a-member-of-the-international-grains-council-2-a-country-needs-to-be-a-member-of-the-international-grains-council-for-exporting-or-importing-rice-and-wheat-which-of-the/>

Q60 · Set A

Which one of the following was the latest inclusion in the Intangible Cultural Heritage List of UNESCO ?

- (a) Chhau dance
- (b) Durga Puja
- (c) Garba dance
- (d) Kumbh mela

General Studies · 2024 · Art and Culture

Explanation

(a) Chhau. Inscribed earlier (2010), not the latest of this list.

(b) Durga Puja. Inscribed 2021, before Garba.

(c) Official key: Garba. Gujarat's Garba inscribed in 2023 - latest on this list.

(d) Kumbh Mela. Inscribed 2017.

Summary. Official key is (c) Garba of Gujarat, inscribed on UNESCO's ICH list in 2023 - the latest among the four options. Chhau (2010), Kumbh Mela (2017) and Durga Puja in Kolkata (2021) were already on the list.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/which-one-of-the-following-was-the-latest-inclusion-in-the-intangible-cultural-heritage-list-of-unesco/>

Q61 · Set A

Who was the Provisional President of the Constituent Assembly before Dr. Rajendra Prasad took over ?

- (a) C. Rajagopalachari
- (b) Dr. B.R. Ambedkar
- (c) T.T. Krishnamachari
- (d) Dr. Sachchidananda Sinha

General Studies · 2024 · Polity and Governance

Explanation

(a) C. Rajagopalachari. Last Governor-General; not the Assembly's provisional president.

(b) Dr **B.R. Ambedkar**. Chairman of the **Drafting Committee**.

(c) T.T. Krishnamachari. Later a member of the **Drafting Committee**, not the opening president.

(d) Official key: Dr Sachchidananda Sinha. Provisional President until Rajendra Prasad was elected.

Summary. Official key is (d) Dr Sachchidananda Sinha. He was elected Provisional President when the Constituent Assembly first met on 9 December 1946. Dr Rajendra Prasad then became the permanent President. **Ambedkar** ran the **Drafting Committee**; he did not chair the Assembly.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/who-was-the-provisional-president-of-the-constituent-assembly-before-dr-rajendra-prasad-took-over/>

Q62 · Set A

With reference to the Government of India Act, 1935, consider the following statements :

- 1. It provided for the establishment of an All India Federation based on the union of the British Indian Provinces and Princely States.**
- 2. Defence and Foreign Affairs were kept under the control of the federal legislature.**

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 · 2024 · History (Ancient, Medieval, Modern)

Explanation

(a) Official key: 1 only. The Act provided for an All-India Federation of Provinces and acceding Princely States.

(b) 2 only. Defence and external affairs were not under the federal legislature.

(c) Both. Statement 2 fails: those subjects stayed with the Governor-General.

(d) Neither. Statement 1 is the correctly keyed limb.

Summary. Official key is (a) 1 only. The **Government of India Act, 1935** designed a federation of British Indian Provinces and those Princely States that acceded. Defence and foreign affairs were Governor-General's reserved responsibilities, not federal-legislature subjects. So 2 is false.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/with-reference-to-the-government-of-india-act-1935-consider-the-following-statements-1-it-provided-for-the-establishment-of-an-all-india-federation-based-on-the-union-of-the-british-indian-provinces-and-princely-states-2/>

Q63 · Set A

Which one of the following is a work attributed to playwright Bhasa ?

- (a) Kavyalankara
- (b) Natyashastra
- (c) Madhyama- vyayoga
- (d) Mahabhashya

General Studies · 2024 · Art and Culture

Explanation

(a) Kavyalankara. A work of Alamkara sastra (Bhamaha), not a Bhasa play.

(b) Natyashastra. Bharata's treatise on drama, not Bhasa.

(c) Official key: Madhyama-vyayoga. A Bhasa play in the Trivandrum Sanskrit plays corpus.

(d) Mahabhashya. Patanjali on Panini, not drama.

Summary. Official key is (c) Madhyama-vyayoga. Bhasa is credited with a set of Sanskrit plays recovered in Kerala, including Madhyama-vyayoga, Swapnavasavadattam and Pratijnayaugandharayana. The other three titles belong to poetics, dramaturgy and grammar.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/which-one-of-the-following-is-a-work-attributed-to-playwright-bhasa/>

Q64 · Set A

Sanghabhuti, an Indian Buddhist monk, who travelled to China at the end of the fourth century AD, was the author of a commentary on :

- (a) Prajnaparamita Sutra
- (b) Visuddhimagga
- (c) Sarvastivada Vinaya
- (d) Lalitavistara

General Studies · 2024 · Art and Culture

Explanation

(a) Prajnaparamita Sutra. Perfection-of-wisdom corpus; not Sanghabhuti's known commentary.

(b) Visuddhimagga. Buddhaghosa's Pali path-manual, centuries later in Sri Lanka.

(c) Official key: Sarvastivada Vinaya. Sanghabhuti (end of 4th century) commented on this vinaya in China.

(d) Lalitavistara. A **Buddha**-biography sutra, not his vinaya commentary.

Summary. Official key is (c) Sarvastivada Vinaya. Chinese tradition records Sanghabhuti, an Indian monk who reached China in the late 4th century, as a commentator on the Sarvastivada monastic code. Visuddhimagga and Lalitavistara are different genres and authors.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/sanghabhuti-an-indian-buddhist-monk-who-travelled-to-china-at-the-end-of-the-fourth-century-ad-was-the-author-of-a-commentary-on/>

Q65 · Set A

Consider the following properties included in the World Heritage List released by UNESCO :

- 1. Shantiniketan**
- 2. Rani-ki-Vav**
- 3. Sacred Ensembles of the Hoysalas**
- 4. Mahabodhi Temple Complex at Bodhgaya**

How many of the above properties were included in 2023 ?

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

General Studies · 2024 · Art and Culture

Explanation

(a) Only one. 2023 added two Indian properties, not one.

(b) Official key: Only two. Santiniketan and the Sacred Ensembles of the Hoysalas entered in 2023.

(c) Only three. Rani-ki-Vav and Mahabodhi were already on the list earlier.

(d) All four. Two of the four were inscribed well before 2023.

Summary. Official key is (b) only two. UNESCO's 2023 World Heritage additions from India were Santiniketan and the Sacred Ensembles of the Hoysalas. Rani-ki-Vav (Patan) was inscribed in 2014; the Mahabodhi Temple Complex at Bodh Gaya in 2002.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/consider-the-following-properties-included-in-the-world-heritage-list-released-by-unesco-1-shantiniketan-2-rani-ki-vav-3-sacred-ensembles-of-the-hoysalas-4-mahabodhi-temple-complex-at-bodhgaya-how-many-of-the-above/>

Q66 · Set A

As per Article 368 of the Constitution of India, the Parliament may amend any provision of the Constitution by way of :

1. Addition

3. Variation

3. Repeal

Select the correct answer using the code given below :

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

General Studies · 2024 · Polity and Governance

Explanation

(a) 1 and 2 only. Repeal is also named in **Article 368**.

(b) 2 and 3 only. Addition is equally a mode of amendment.

(c) Duplicate "2 and 3 only" option. Still not the full set.

(d) Official key: 1, 2 and 3. **Article 368:** add to, vary or repeal any provision.

Summary. Official key is (d) 1, 2 and 3. **Article 368** says Parliament may amend by way of addition, variation or repeal. All three verbs are in the article. The paper's option (b) and (c) text is duplicated; neither is the keyed bundle.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/as-per-article-368-of-the-constitution-of-india-the-parliament-may-amend-any-provision-of-the-constitution-by-way-of-1-addition-3-variation-3-repeal-select-the-correct-answer-using-the-code-given-below/>

Q67 · Set A

Consider the following countries :

- 1. Italy**
- 2. Japan**
- 3. Nigeria**
- 4. South Korea**
- 5. South Africa**

Which of the above countries are frequently mentioned in the media for their low birth rates, or ageing population or declining population ?

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

General Studies · 2024 · Geography

Explanation

- (a) Official key:** 1, 2 and 4. Italy, Japan and South Korea - low fertility / ageing.
- (b)** 1, 3 and 5. Nigeria and South Africa are not the usual ultra-low fertility set here.
- (c)** 2 and 4 only. Drops Italy, which is in the ageing group.
- (d)** 3 and 5 only. High-fertility / younger profiles, not the keyed set.

Summary. Official key is (a) 1, 2 and 4. Italy, Japan and South Korea are repeatedly in the news for very low birth rates and rapid ageing. Nigeria remains high-fertility; South Africa is not grouped with East-Asian / South-European ultra-low TFR in this paper. So 3 and 5 drop.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/consider-the-following-countries-1-italy-2-japan-3-nigeria-4-south-korea-5-south-africa-which-of-the-above-countries-are-frequently-mentioned-in-the-media-for-their-low-birth-rates-or-ageing-population-or-declining/>

Q68 · Set A

Which of the following statements are correct in respect of a Money Bill in the Parliament?

- 1. Article 109 mentions special procedure in respect of Money Bills.**
- 2. A Money Bill shall not be introduced in the Council of States.**
- 3. The Rajya Sabha can either approve the Bill or suggest changes but cannot reject it.**
- 4. Amendment to a Money Bill suggested by the Rajya Sabha have to be accepted by the Lok Sabha.**

Select the correct answer using the code given below :

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

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Explanation

(a) 1 and 2 only. True, but the Rajya Sabha's limited role (3) is also keyed.

(b) 2 and 3 only. Drops **Article 109**, which is correctly cited.

(c) Official key: 1, 2 and 3. Special procedure in **Art. 109**; not introduced in Rajya Sabha; RS may recommend, not reject.

(d) 1, 3 and 4. Statement 4 fails: Lok Sabha need not accept Rajya Sabha's suggestions.

Summary. Official key is (c) 1, 2 and 3. **Article 109** is the special procedure for Money Bills. A Money Bill cannot be introduced in the Rajya Sabha. The Rajya Sabha has 14 days to return it with recommendations; it cannot reject. Lok Sabha may accept or ignore those recommendations - so 4 is false.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/which-of-the-following-statements-are-correct-in-respect-of-a-money-bill-in-the-parliament-1-article-109-mentions-special-procedure-in-respect-of-money-bills-2-a-money-bill-shall-not-be-introduced-in-the-council-of/>

Q69 · Set A

Which of the following is/are correctly matched in terms of equivalent rank in the three services of Indian Defence forces ? Army : Airforce : Navy

- 1. Brigadier : Air Commodore : Commander**
- 2. Major General : Air Vice Marshal : Vice Admiral**
- 3. Major Squadron Leader : Lieutenant Commander**
- 4. Lieutenant Colonel : Group Captain : Captain**

Select the correct answer using the code given below :

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

General Studies · 2024 · Science and Technology

Explanation

(a) 1 and 4. Both rows mismatch Navy/Air ranks.

(b) 1 and 3. Brigadier is not Navy Commander; 3 is the only clean row.

(c) 2, 3 and 4. Major General is not Vice Admiral; Lt Col is not Group Captain.

(d) Official key: 3 only. Major : Squadron Leader : Lieutenant Commander is the matching trio.

Summary. Official key is (d) 3 only. Army Major = IAF Squadron Leader = Navy Lieutenant Commander. Brigadier pairs with Air Commodore and Commodore, not Commander. Major General pairs with Air Vice Marshal and Rear Admiral, not Vice Admiral. Lieutenant Colonel pairs with Wing Commander and Commander, not Group Captain / Captain. So only row 3 is right.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/which-of-the-following-is-are-correctly-matched-in-terms-of-equivalent-rank-in-the-three-services-of-indian-defence-forces-army-airforce-navy-1-brigadier-air-commodore-commander-2-major-general-air-vice-marshal-vice/>

Q70 · Set A

The North Eastern Council (NEC) was established by the North Eastern Council Act, 1971. Subsequent to the amendment of NEC Act in 2002, the Council comprises which of the following members ?

- 1. Governor of the Constituent State**
- 2. Chief Minister of the Constituent State**
- 3. Three Members to be nominated by the President of India**
- 4. The Home Minister of India**

Select the correct answer using the code given below :

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

General Studies · 2024 · Polity and Governance

Explanation

(a) Official key: 1, 2 and 3 only. Governors, Chief Ministers, and three Presidential nominees after the 2002 amendment.

(b) 1, 3 and 4 only. Drops CMs; the Union Home Minister is not a 2002 Act member in that list.

(c) 2 and 4 only. Incomplete and inserts the Home Minister as if the 2002 composition.

(d) All four. The 2002 NEC Act list is Governors, CMs and three nominees - not the Home Minister as a constituent member.

Summary. Official key is (a) 1, 2 and 3 only. The North-Eastern Council Act, 1971, as amended in 2002, constituted the Council with the Governor and Chief Minister of each member State plus three members nominated by the President. The Union Home Minister later chairs NEC as a government arrangement; that is not statement 4 as a 2002 statutory member. So 4 drops.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/the-north-eastern-council-nec-was-established-by-the-north-eastern-council-act-1971-subsequent-to-the-amendment-of-nec-act-in-2002-the-council-comprises-which-of-the-following-members-1-governor-of-the-constituent-state/>

Q71 · Set A

How many Delimitation Commissions have been constituted by the Government of India till December 2023?

- (a) One
- (b) Two
- (c) Three
- (d) Four

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Explanation

(a) One. India has had more than a single **Delimitation Commission**.

(b) Two. Under-counts the later commissions.

(c) Three. Drops the 2002 Commission.

(d) Official key: Four. Commissions after the 1951, 1961 and 1971 Censuses, and again in 2002.

Summary. Official key is (d) four. **Delimitation Commissions** were constituted after the 1951, 1961 and 1971 Censuses and again in 2002 under the Delimitation Act, 2002. That is four till December 2023. (a)-(c) stop too early.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/how-many-delimitation-commissions-have-been-constituted-by-the-government-of-india-till-december-2023/>

Q72 · Set A

The Constitution (71st Amendment) Act, 1992 amends the Eighth Schedule to the Constitution to include which of the following languages?

- 1. Konkani**
- 2. Manipuri**
- 3. Nepali**
- 4. Maithili** Select the correction answer using the code given below :

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

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Explanation

(a) Official key: 1, 2 and 3. The 71st Amendment (1992) added Konkani, Manipuri and Nepali.

(b) 1, 2 and 4. Maithili is not a 1992 addition.

(c) 1, 3 and 4. Drops Manipuri and keeps Maithili, which came later.

(d) 2, 3 and 4. Drops Konkani.

Summary. Official key is (a) 1, 2 and 3. The Constitution (71st Amendment) Act, 1992 put Konkani, Manipuri and Nepali into the Eighth Schedule. Maithili entered with Bodo and Santhali in the 92nd Amendment, 2003 - so 4 is out of this Act.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/the-constitution-71st-amendment-act-1992-amends-the-eighth-schedule-to-the-constitution-to-include-which-of-the-following-languages-1-konkani-2-manipuri-3-nepali-4-maithili-select-the-correction-answer-using-the-code/>

Q73 · Set A

Consider the following pairs:

Party Its Leader

- 1. Bhartiya Jana Sangh Dr. Shyama Prasad Mukherjee**
- 2. Socialist Party C. Rajagopalachari**
- 3. Congress for Democracy Jagjivan Ram**
- 4. Swatantra Party Acharya Narendra Dev**

How many of the above are correctly matched?

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

General Studies · 2024 · Art and Culture

Explanation

(a) Only one. Two of the four party-leader rows are right.

(b) Official key: Only two. Jana Sangh-Mukherjee and Congress for Democracy-Jagjivan Ram hold.

(c) Only three. Over-counts the two swapped socialist/Swatantra leaders.

(d) All four. Socialist Party was not C. Rajagopalachari; Swatantra was not Acharya Narendra Deva.

Summary. Official key is (b) only two. Bharatiya Jana Sangh was founded under Dr Syama Prasad Mookerjee. Jagjivan Ram led Congress for Democracy in 1977. C. Rajagopalachari founded the Swatantra Party, not the Socialist Party. Acharya Narendra Deva was a socialist, not Swatantra. So 1 and 3 match; 2 and 4 do not.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/consider-the-following-pairs-party-its-leader-1-bhartiya-jana-sangh-dr-shyama-prasad-mukherjee-2-socialist-party-c-rajagopalachari-3-congress-for-democracy-jagjivan-ram-4-swatantra-party-acharya-narendra-dev-how-many-of/>

Q74 · Set A

Which of the following statements are correct about the Constitution of India?

- 1. Powers of the Municipalities are given in Part IX A of the Constitution.**
- 2. Emergency provisions are given in Part XVIII of the Constitution.**
- 3. Provisions related to the amendment of the Constitution are given in Part XX of the Constitution. Select the 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 · 2024 · Polity and Governance

Explanation

(a) 1 and 2 only. Drops the amendment Part, which is also correctly placed.

(b) 2 and 3 only. Drops municipalities, which sit in Part IXA.

(c) 1 and 3 only. Emergency is Part XVIII, not a miss.

(d) Official key: 1, 2 and 3. IXA municipalities, XVIII emergency, XX amendment.

Summary. Official key is (d) all three. Part IXA deals with municipalities. Emergency provisions are Part XVIII. Constitutional amendment is Part XX, **Article 368**. None of the three placements is wrong.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/which-of-the-following-statements-are-correct-about-the-constitution-of-india-1-powers-of-the-municipalities-are-given-in-part-ix-a-of-the-constitution-2-emergency-provisions-are-given-in-part-xviii-of-the-constitution-3/>

Q75 · Set A

Which one of the following statements is correct as per the Constitution of India?

- (a) Inter-State trade and commerce is a State subject under the State List.
- (b) Inter-State migration is a State subject under the State List.
- (c) Inter-State quarantine is a Union subject under the Union List.
- (d) Corporation tax is a State subject under the State List.

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Explanation

- (a)** Inter-State trade and commerce as a State List head. It is Union List (entry 42).
- (b)** Inter-State migration as a State List head. Migration and quarantine are Union List (entry 81).
- (c) Official key:** Inter-State quarantine is a Union subject. That is the correctly placed row.
- (d)** Corporation tax as a State List head. Corporation tax is Union List (entry 85).

Summary. Official key is (c). **Seventh Schedule** Union List entry 81 is inter-State migration and inter-State quarantine. Trade and commerce between States, and corporation tax, are also Union, not State. So only (c) is a correct constitutional placement.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/which-one-of-the-following-statements-is-correct-as-per-the-constitution-of-india/>

Q76 · Set A

Under which of the following Articles of the Constitution of India, has the Supreme Court of India places the Right to Privacy?

- (a) Article 15
- (b) Article 16
- (c) Article 19
- (d) Article 21

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Explanation

(a) Article 15. Equality on grounds of religion, race, caste, sex, place of birth - not the privacy holding.

(b) Article 16. Equality of opportunity in public employment.

(c) Article 19. The six freedoms; privacy was not parked here as the parent right.

(d) Official key: Article 21. Puttaswamy (2017) locates privacy in life and personal liberty.

Summary. Official key is (d) **Article 21**. In K.S. Puttaswamy the nine-judge Bench held the right to privacy to be intrinsic to **Article 21**. 15, 16 and 19 are neighbouring rights, not the article the Court used as the home of privacy.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/under-which-of-the-following-articles-of-the-constitution-of-india-has-the-supreme-court-of-india-places-the-right-to-privacy/>

Q77 · Set A

What are the duties of the Chief of Defence Staff (CDS) as Head of the Department of Military Affairs?

- 1. Permanent Chairman of Chiefs of Staff Committee.**
- 2. Exercise military command over the three Service Chiefs.**
- 3. Principal Military Advisor to Defence Minister on all tri- service matters.**

Select the correct answer using the code given below

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

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Explanation

(a) 1, 2 and 3. CDS does not exercise military command over the three Service Chiefs.

(b) 1 and 2 only. Keeps the false command claim and drops the advisor role.

(c) 2 and 3 only. Drops the COSC chair, which is a CDS duty, and keeps command.

(d) Official key: 1 and 3 only. Permanent Chairman of COSC and principal military adviser on tri-service matters; no command over Service Chiefs.

Summary. Official key is (d) 1 and 3 only. The CDS is Permanent Chairman of the Chiefs of Staff Committee and the principal military adviser to the Defence Minister on tri-service issues. Operational command of each Service stays with that Service Chief. Statement 2 is the trap.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/what-are-the-duties-of-the-chief-of-defence-staff-cds-as-head-of-the-department-of-military-affairs-1-permanent-chairman-of-chiefs-of-staff-committee-2-exercise-military-command-over-the-three-service-chiefs-3-principal/>

Q78 · Set A

Operations undertaken by the Army towards upliftment of the local population in remote areas to include addressing of their basic needs is called :

- (a) Operation Sankalp
- (b) Operation Maitri
- (c) Operation Sadbhavana
- (d) Operation Madam

General Studies · 2024 · Current Affairs and GK

Explanation

(a) Operation Sankalp. Indian Navy's Gulf / West Asia maritime security mission, not local civic uplift.

(b) Operation Maitri. India's Nepal earthquake relief, 2015.

(c) Official key: Operation Sadbhavana. Army civic action in remote areas - schools, health, basic needs.

(d) Operation Madam (as printed). Navy flood-relief missions use other names; this is not the standing civic-action label.

Summary. Official key is (c) Operation Sadbhavana. That is the Army's long-running goodwill civic programme in remote and conflict-affected belts. Sankalp, Maitri and the remaining named option are other missions with different theatres.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/operations-undertaken-by-the-army-towards-upliftment-of-the-local-population-in-remote-areas-to-include-addressing-of-their-basic-needs-is-called/>

Q79 · Set A

The longest border between any two countries in the world is between :

- (a) Canada and the United States of America
- (b) Chile and Argentina
- (c) China and India
- (d) Kazakhstan and Russian Federation

General Studies · 2024 · Geography

Explanation

(a) Official key: Canada-USA. The world's longest land border.

(b) Chile-Argentina. Long Andean border, not the longest worldwide.

(c) China-India. Long, disputed, not the global maximum.

(d) Kazakhstan-Russia. Very long, still shorter than Canada-USA.

Summary. Official key is (a) Canada and the United States. That land boundary is the longest between any two countries. The other pairs are long regional borders, not the world record.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/the-longest-border-between-any-two-countries-in-the-world-is-between/>

Q80 · Set A

Which of the following statements about the Ethics Committee in the Lok Sabha are correct?

- 1. Initially it was an ad- hoc Committee.**
- 2. Only a Member of the Lok Sabha can make a complaint relating to unethical conduct of a member of the Lok Sabha.**
- 3. This Committee cannot take up any matter which is sub- judice.**

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 · 2024 · Polity and Governance

Explanation

(a) 1 and 2 only. Statement 2 over-narrows who may complain.

(b) 2 and 3 only. Drops the true ad-hoc origin and keeps the false "only MP" rule.

(c) Official key: 1 and 3 only. Began as an ad-hoc body; it does not take up sub-judice matters.

(d) 1, 2 and 3. Statement 2 is not keyed: complaint is not confined to a sitting LS member alone.

Summary. Official key is (c) 1 and 3 only. The **Lok Sabha Ethics Committee** started as an ad-hoc panel and later became standing. It does not examine a matter that is sub-judice. A complaint of unethical conduct is not limited to "only an MP may complain" in the sense statement 2 claims, so 2 drops.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/which-of-the-following-statements-about-the-ethics-committee-in-the-lok-sabha-are-correct-1-initially-it-was-an-ad-hoc-committee-2-only-a-member-of-the-lok-sabha-can-make-a-complaint-relating-to-unethical-conduct-of-a/>

Q81 · Set A

Consider the following statements regarding 'Nari Shakti Vandan Adhiniyam' :

1. Provisions will come into effect from the 18th Lok Sabha.
2. This will be in force for 15 years after becoming an Act.
3. There are provisions for the reservation of seats for Scheduled Castes Women within the quota reserved for the Scheduled Castes.

Which of the statements given above are correct ?

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

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Explanation

(a) 1, 2 and 3. Statement 1 fails: the Act does not kick in from the 18th Lok Sabha.

(b) 1 and 2 only. Keeps the false commencement date.

(c) Official key: 2 and 3 only. Fifteen-year sunset after the census-based delimitation; SC women within the SC quota.

(d) 1 and 3 only. Drops the duration limb and keeps the wrong start.

Summary. Official key is (c) 2 and 3 only. The Constitution (106th Amendment) Act, 2023 (Nari Shakti Vandan) reserves one-third of seats in Lok Sabha and State Assemblies for women, including within SC/ST quotas, for 15 years after it is brought into force. Commencement waits for a census and delimitation - not the 18th Lok Sabha. So 1 is false; 2 and 3 hold.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/consider-the-following-statements-regardin-g-nari-shakti-vandan-adhiniyam-1-provisions-will-come-into-effect-from-the-18th-lok-sabha-2-this-will-be-in-forc-e-for-15-years-after-becoming-an-act-3-there-are-provisions-for/>

Q82 · Set A

Which of the following statements about 'Exercise Mitra Shakti- 2023' are correct?

- 1. This was a joint military exercise between India and Bangladesh.**
- 2. It commenced in Aundh (Pune).**
- 3. Joint response during counter- terrorism operations was a goal of this operation.**
- 4. Indian Air Force was a part of this exercise.**

Select the correct answer using the code given below :

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

General Studies · 2024 · Art and Culture

Explanation

(a) 1, 2 and 3. Statement 1 fails: Mitra Shakti is India-Sri Lanka, not Bangladesh.

(b) 1, 2 and 4. Still keeps the wrong partner country.

(c) 1, 3 and 4. Same partner error; drops the Aundh commencement which is keyed.

(d) Official key: 2, 3 and 4. Aundh (Pune); counter-terrorism goal; IAF participated. Not Bangladesh.

Summary. Official key is (d) 2, 3 and 4. Exercise Mitra Shakti-2023 was a joint India-Sri Lanka military exercise, commenced at Aundh (Pune), with counter-terrorism as a stated goal, and with Indian Air Force participation. Statement 1 names Bangladesh and is false.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/which-of-the-following-statements-about-exercise-mitra-shakti-2023-are-correct-1-this-was-a-joint-military-exercise-between-india-and-bangladesh-2-it-commenced-in-aundh-pune-3-joint-response-during-counter-terrorism/>

Q83 · Set A

A Writ of Prohibition is an order issued by the Supreme Court or High Courts to :

- (a) a government officer prohibiting him from taking a particular action.
- (b) the Parliament/ Legislative Assembly to pass a law on Prohibition.
- (c) the lower court prohibiting continuation of proceedings in a case.
- (d) the Government prohibiting it from following an unconstitutional policy.

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Explanation

(a) A government officer. That is closer to prohibition in administrative speech, not the writ.

(b) Parliament / Assembly to pass a prohibition law. The writ does not command legislation.

(c) Official key: A lower court, stopping it from continuing proceedings beyond its jurisdiction.

(d) The Government on an unconstitutional policy. That is not the classic writ of prohibition.

Summary. Official key is (c). A writ of prohibition issues from a superior court to an inferior court or tribunal, forbidding it from continuing proceedings that exceed jurisdiction. It is not an order to an executive officer, to a legislature, or a general policy freeze.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/a-writ-of-prohibition-is-an-order-issued-by-the-supreme-court-or-high-courts-to/>

Q84 · Set A

Consider the following statements:

- 1. It is the Governor of the State who recognizes and declares any community of that State as a Scheduled Tribe.**
- 2. A community declared as a Scheduled Tribe in a State need not to be so in another State.**

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 President notifies Scheduled Tribes under **Article 342**, not the Governor.

(b) Official key: 2 only. A community listed as ST in one State need not be ST in another.

(c) Both. Statement 1 is false.

(d) Neither. Statement 2 is correctly keyed.

Summary. Official key is (b) 2 only. **Article 342**: the President specifies Scheduled Tribes for a State after consulting the Governor. The Governor does not "recognise and declare" the list. An ST in one State need not be ST in another - the lists are State-specific. So only 2 holds.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/consider-the-following-statements-1-it-is-the-governor-of-the-state-who-recognizes-and-declares-any-community-of-that-state-as-a-scheduled-tribe-2-a-community-declared-as-a-scheduled-tribe-in-a-state-need-not-to-be-so-in/>

Q85 · Set A

With reference to Union Budget, consider the following statements :

- 1. The Union Finance Minister on behalf of the Prime Minister lays the Annual Financial Statement before both the Houses of Parliament.**
- 2. At the Union level, no demand for a grant can be made except on the recommendation of the President of 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

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Explanation

(a) 1 only. The paper also keys statement 2.

(b) 2 only. The paper also keys statement 1.

(c) Official key: Both 1 and 2. Annual Financial Statement laid by the Finance Minister; no demand except on the President's recommendation.

(d) Neither. Both statements are keyed on this paper.

Summary. Official key is (c) both. On this paper both statements are treated as correct. Statement 2 is **Article 113(3)**: no demand for a grant except on the recommendation of the President. Statement 1 is keyed as the Union Finance Minister laying the Annual Financial Statement before both Houses.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/with-reference-to-union-budget-consider-the-following-statements-1-the-union-finance-minister-on-behalf-of-the-prime-minister-lays-the-annual-financial-statement-before-both-the-houses-of-parliament-2-at-the-union-level/>

Q86 · Set A

Who of the following is the author of the books "The India Way" and "Why Bharat Matters"?

- (a) Bhupendra Yadav
- (b) Nalin Mehta
- (c) Shashi Tharoor
- (d) Subrahmanyam Jaishankar

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Explanation

(a) Bhupendra Yadav. Union minister; not these two titles.

(b) Nalin Mehta. Other books; not this pair.

(c) Shashi Tharoor. Prolific, but not The India Way / Why Bharat Matters.

(d) Official key: Subrahmanyam Jaishankar. External Affairs Minister; both books are his.

Summary. Official key is (d) **S. Jaishankar**. **The India Way (2020)** and **Why Bharat Matters (2024)** are his foreign-policy books. The other names are not the authors of this pair.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/who-of-the-following-is-the-author-of-the-books-the-india-way-and-why-bharat-matters/>

Q87 · Set A

Consider the following pairs:

Country Reason for being in the news

- 1. Argentina Worst economic crisis**
- 2. Sudan War between the country's regular and paramilitary forces**
- 3. Turkey Rescinded its membership of NATO**

How many of the pairs given above are correctly matched?

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

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Explanation

(a) Only one pair. Two of the three news-rows hold.

(b) Official key: Only two pairs. Argentina's crisis and Sudan's war match; Turkey did not leave NATO.

(c) All three. Turkey remaining in NATO makes pair 3 false.

(d) None. Two pairs are correctly matched.

Summary. Official key is (b) only two. Argentina's economic crisis and Sudan's war between the regular army and the Rapid Support Forces were in the news. Turkey did not rescind NATO membership - pair 3 is false. So two pairs match.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/consider-the-following-pairs-country-reason-for-being-in-the-news-1-argentina-worst-economic-crisis-2-sudan-war-between-the-countrys-regular-and-paramilitary-forces-3-turkey-rescinded-its-membership-of-nato-how-many-of/>

Q88 · Set A

Consider the following statements :

Statement-I : Sumed pipeline is a strategic route for Persian Gulf oil and natural gas shipments to Europe.

Statement-II : Sumed pipeline connects the Red Sea with the Mediterranean Sea.

Which one of the following is correct in respect of the above statements ?

- (a) Both Statement-I and Statement-II are correct and Statement- II explains Statement-I
- (b) Both Statement-I and Statement-II are correct, but Statement-II does not explain Statement-I
- (c) Statement-I is correct, but Statement-II is incorrect
- (d) Statement-I is incorrect, but Statement-II is correct

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Explanation

(a) Official key: Both correct and II explains I. SUMED links Red Sea to Mediterranean, so Gulf oil can skip the Cape for Europe.

(b) Both correct but II does not explain I. The geography is the reason the route is strategic.

(c) I correct, II incorrect. SUMED does connect Red Sea and Mediterranean.

(d) I incorrect, II correct. Statement-I is also right.

Summary. Official key is (a). The SUMED (Suez-Mediterranean) pipeline runs from Ain Sokhna on the Red Sea to Sidi Kerir on the Mediterranean. That bypass lets Persian Gulf crude reach Europe without rounding Africa when Suez draft or traffic is a constraint. So II explains why I is a strategic route.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/consider-the-following-statements-statement-i-sumed-pipeline-is-a-strategic-route-for-persian-gulf-oil-and-natural-gas-shipments-to-europe-statement-ii-sumed-pipeline-connects-the-red-sea-with-the-mediterranean-sea-which/>

Q89 · Set A

Consider the following statements:

- 1. The Red Sea receives very little precipitation in any form.**
- 2. No water enters the Red Sea from rivers.**

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. Statement 2 is also keyed: negligible river inflow.

(b) 2 only. Statement 1 is also keyed: very little precipitation.

(c) Official key: Both. **Arid basin**; almost no river discharge into the Red Sea.

(d) Neither. Both statements hold on this paper.

Summary. Official key is (c) both. The Red Sea sits in an arid belt with very little rainfall. No major rivers empty into it; water exchange is mainly through the Bab el-Mandeb and the Suez Canal. High evaporation, not river input, shapes its salinity.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/consider-the-following-statements-1-the-red-sea-receives-very-little-precipitation-in-any-form-2-no-water-enters-the-red-sea-from-rivers-which-of-the-statements-given-above-is-are-correct/>

Q90 · Set A

According to the Environmental Protection Agency (EPA), which one of the following is the largest source of sulphur dioxide emissions ?

- (a) Locomotives using fossil fuels
- (b) Ships using fossil fuels
- (c) Extraction of metals from ores
- (d) Power plants using fossil fuels

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Explanation

(a) Locomotives. A source of SO₂, not the EPA's largest.

(b) Ships. Marine fuel sulphur is regulated; not the top EPA source.

(c) Metal extraction. Smelters emit SO₂; not the largest EPA category here.

(d) Official key: Fossil-fuel power plants. EPA's largest SO₂ source.

Summary. Official key is (d) power plants using fossil fuels. The US EPA has long identified coal- and oil-fired electricity generation as the largest source of sulphur dioxide. Locomotives, ships and ore smelting emit SO₂ but are not the top EPA category in this question.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/according-to-the-environmental-protection-agency-epa-which-one-of-the-following-is-the-largest-source-of-sulphur-dioxide-emissions/>

Q91 · Set A

Consider the following statements :

Statement-I : There is instability and worsening security situation in the Sahel region.

Statement-II : There have been military takeovers/coups in several countries of the Sahel region in the recent past.

Which one of the following is correct in respect of the above statements ?

- (a) Both Statement-I and Statement-II are correct and Statement-II explains Statement-I
- (b) Both Statement-I and Statement-II are correct, but Statement-II does not explain Statement-I
- (c) Statement-I is correct, but Statement-II is incorrect
- (d) Statement-I is incorrect, but Statement-II is correct

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Explanation

(a) Official key: Both correct and II explains I. Coups in Mali, Burkina Faso, Niger (and others) worsened Sahel security.

(b) Both correct but II does not explain I. The coups are a direct driver of the instability named in I.

(c) I correct, II incorrect. The takeovers did happen.

(d) I incorrect, II correct. The Sahel security crisis is real.

Summary. Official key is (a). The Sahel has seen a cluster of military takeovers. Those coups and the jihadist insurgencies around them are why the security situation has worsened. Statement-II therefore explains Statement-I.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/consider-the-following-statements-statement-i-there-is-instability-and-worsening-security-situation-in-the-sahel-region-statement-ii-there-have-been-military-takeovers-coups-detat-in-several-countries-of-the-sahel-region/>

Q92 · Set A

Consider the following statements :

Statement-I : India does not import apples from the United States of America.

Statement-II : In India, the law prohibits the import of Genetically Modified food without the approval of the competent authority.

Which one of the following is correct in respect of the above statements ?

- (a) Both Statement-I and Statement-II are correct and Statement- II explains Statement-I
- (b) Both Statement-I and Statement-II are correct, but Statement-II does not explain Statement-I
- (c) Statement-I is correct, but Statement-II is incorrect
- (d) Statement-I is incorrect, but Statement-II is correct

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Explanation

(a) Both correct and II explains I. India does import US apples; GM-food rules do not bar ordinary apples.

(b) Both correct but II does not explain I. Statement-I is false.

(c) I correct, II incorrect. I is the false limb; II is true.

(d) Official key: I incorrect, II correct. India imports US apples; GM food needs approval.

Summary. Official key is (d). India does import apples from the United States (subject to duties and SPS rules), so Statement-I is false. Genetically modified food cannot be imported without approval of the competent authority - Statement-II is true. II does not salvage I.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/consider-the-following-statements-statement-i-india-does-not-import-apples-from-the-united-states-of-america-statement-ii-in-india-the-law-prohibits-the-import-of-genetically-modified-food-without-the-approval-of-the/>

Q93 · Set A

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

While any resolution for the removal of the Speaker of the Lok Sabha is under consideration

- 1. He/She shall not preside.**
- 2. He/She shall not have the right to speak**
- 3. He/She shall not be entitled to vote on the resolution in the first instance.**

Which of the statements given above is/are correct ?

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

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Explanation

(a) Official key: 1 only. While a removal resolution is under consideration, the Speaker shall not preside.

(b) 1 and 2 only. He or she may still speak and take part.

(c) 2 and 3 only. Drops the true "shall not preside" rule and adds false bans.

(d) All three. 2 and 3 are not the constitutional bar.

Summary. Official key is (a) 1 only. **Article 96:** when a resolution for the Speaker's removal is under consideration, the Speaker shall not preside (the Deputy Speaker or another member does). The Speaker may still speak and vote in the first instance except that in case of equality of votes he or she does not have a casting vote in that proceeding in the usual way. Statements 2 and 3 over-ban. Only 1 is keyed.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/with-reference-to-the-speaker-of-the-lok-sabha-consider-the-following-statements-while-any-resolution-for-the-removal-of-the-speaker-of-the-lok-sabha-is-under-consideration-1-he-she-shall-not-preside-2-he-she-shall-not/>

Q94 · Set A

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

- 1. A bill pending in the Lok Sabha lapses on its dissolution.**
- 2. A bill passed by the Lok Sabha and pending in the Rajya Sabha lapses on the dissolution of the Lok Sabha.**
- 3. A bill in regard to which the President of India notified his/her intention to summon the Houses to a joint sitting lapses on the dissolution of the Lok Sabha.**

Which of the statements given above is/are correct ?

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

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Explanation

(a) 1 only. A bill passed by LS and pending in RS also lapses (2).

(b) Official key: 1 and 2. Pending in LS, or passed by LS and pending in RS, both lapse on dissolution.

(c) 2 and 3. Statement 3 is false: a bill notified for joint sitting does not lapse.

(d) 3 only. That is the exception that does not lapse.

Summary. Official key is (b) 1 and 2. On dissolution of the Lok Sabha, a bill pending in the Lok Sabha lapses, and a bill passed by the Lok Sabha and pending in the Rajya Sabha also lapses. If the President has already notified an intention to summon a joint sitting under **Article 108**, that bill does not lapse. So 3 is false.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/with-reference-to-the-indian-parliament-consider-the-following-statements-1-a-bill-pending-in-the-lok-sabha-lapses-on-its-dissolution-2-a-bill-passed-by-the-lok-sabha-and-pending-in-the-rajya-sabha-lapses-on-the/>

Q95 · Set A

With reference to the Parliament of India, consider the following statements:

- 1. Prorogation of a House by the President of India does not require the advice of the Council of Ministers.**
- 2. Prorogation of a House is generally done after the House is adjourned sine die but there is no bar to the President of India prorogating the House which is in session.**
- 3. Dissolution of the Lok Sabha is done by the President of India who, save in exceptional circumstances, does so on the advice of the Council of Ministers.**

Which of the statements given above is/are correct ?

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

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Explanation

(a) 1 only. Prorogation is an executive act on Cabinet advice, not a free Presidential will.

(b) 1 and 2. Statement 1 fails.

(c) Official key: 2 and 3. Prorogation usually follows sine die but can hit a sitting House; dissolution is on Cabinet advice except rare cases.

(d) 3 only. Statement 2 is also keyed.

Summary. Official key is (c) 2 and 3. Prorogation is done by the President on the aid and advice of the Council of Ministers - statement 1 is false. It is usually after adjournment sine die, but the President may prorogue a House that is still in session. Dissolution of the Lok Sabha is by the President, ordinarily on Cabinet advice (exception: a PM who has lost confidence). So 2 and 3 hold.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/with-reference-to-the-parliament-of-india-consider-the-following-statements-1-prorogation-of-a-house-by-the-president-of-india-does-not-require-the-advice-of-the-council-of-ministers-2-prorogation-of-a-house-is-generally/>

Q96 · Set A

Consider the following statements :

Statement-I : The European Parliament approved The Net-Zero Industry Act recently.

Statement-II : The European Union intends to achieve carbon neutrality by 2040 and therefore aims to develop all of its own clean technology by that time.

Which one of the following is correct in respect of the above statements ?

- (a) Both Statement-I and Statement-II are correct and Statement- II explains Statement-I
- (b) Both Statement-I and Statement-II are correct, but Statement-II does not explain Statement-I
- (c) Statement-I is correct, but Statement-II is incorrect
- (d) Statement-I is incorrect, but Statement-II is correct

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Explanation

(a) Both correct and II explains I. Statement-II is wrong on the 2040 / "all own tech" claim.

(b) Both correct but II does not explain I. II is still incorrect.

(c) Official key: I correct, II incorrect. Net-Zero Industry Act passed; EU climate-neutrality target is 2050, not 2040, and not autarky in all clean tech.

(d) I incorrect, II correct. The Act was approved.

Summary. Official key is (c). The European Parliament did approve the Net-Zero Industry Act. The EU's climate-neutrality target is 2050, not 2040, and the Act is about scaling manufacturing of strategic net-zero technologies in Europe, not producing "all of its own clean technology" by 2040. So I is true and II is false.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/consider-the-following-statements-statement-i-the-european-parliament-approved-the-net-zero-industry-act-recently-statement-ii-the-european-union-intends-to-achieve-carbon-neutrality-by-2040-and-therefore-aims-to-develop/>

Q97 · Set A

Consider the following statements :

Statement-I : Recently, Venezuela has achieved a rapid recovery from its economic crisis and succeeded in preventing its people from fleeing/emigrating to other countries.

Statement-II : Venezuela has the world's largest oil reserves.

Which one of the following is correct in respect of the above statements ?

- (a) Both Statement-I and Statement-II are correct and Statement- II explains Statement-I
- (b) Both Statement-I and Statement-II are correct, but Statement-II does not explain Statement-I
- (c) Statement-I is correct, but Statement-II is incorrect
- (d) Statement-I is incorrect, but Statement-II is correct

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Explanation

(a) Both correct and II explains I. Venezuela has not "rapidly recovered" or stopped emigration.

(b) Both correct but II does not explain I. I is false.

(c) I correct, II incorrect. I is the false limb; oil reserves are the world's largest.

(d) Official key: I incorrect, II correct. Crisis and emigration continue; reserves are vast.

Summary. Official key is (d). Venezuela has the world's largest proven oil reserves - Statement-II is true. It has not achieved a rapid recovery that stopped people leaving; millions remain abroad. Statement-I is false, so II cannot explain I.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/consider-the-following-statements-statement-i-recently-venezuela-has-achieved-a-rapid-recovery-from-its-economic-crisis-and-succeeded-in-preventing-its-people-from-fleeing-emigrating-to-other-countries-statement-ii/>

Q98 · Set A

With reference to the Digital India Land Records Modernisation Programme, consider the following statements:

- 1. To implement the scheme, the Central Government provides 100% funding.**
- 2. Under the Scheme, Cadastral Maps are digitized.**
- 3. An initiative has been undertaken to transliterate the Records of Rights from local language to any of the languages recognized by the Constitution of India.**

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. Transliteration of RoR (3) is also a scheme limb.

(b) 2 and 3 only. 100% central funding (1) is also keyed.

(c) 1 and 3 only. Cadastral digitisation (2) is also keyed.

(d) Official key: 1, 2 and 3. Centrally funded; cadastral maps digitised; RoR transliteration initiative.

Summary. Official key is (d) all three. DILRMP is a Central Sector scheme with 100% central funding. Cadastral maps are digitised. An initiative transliterates Records of Rights from local languages into other **Eighth Schedule** languages. All three statements hold.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/with-reference-to-the-digital-india-land-records-modernisation-programme-consider-the-following-statements-1-to-implement-the-scheme-the-central-government-provides-100-funding-2-under-the-scheme-cadastral-maps-are/>

Q99 · Set A

With reference to the 'Pradhan Mantri Surakshit Matritva Abhiyan', consider the following statements :

- 1. This scheme guarantees a minimum package of antenatal care services to women in their second and third trimesters of pregnancy and six months post-delivery health care service in any government health facility.**
- 2. Under this scheme, private sector health care providers of certain specialities can volunteer to provide services at nearby government health facilities.**

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. PMSMA is a fixed-day antenatal check in the 2nd/3rd trimester, not a six-month postnatal guarantee as worded.

(b) Official key: 2 only. Private specialists can volunteer at government facilities on the 9th of each month.

(c) Both. Statement 1 over-claims postnatal cover.

(d) Neither. Statement 2 holds.

Summary. Official key is (b) 2 only. Pradhan Mantri Surakshit Matritva Abhiyan offers a minimum antenatal package on the 9th of every month in the 2nd and 3rd trimesters at government facilities, with private specialists volunteering. It does not, as statement 1 claims, guarantee six months of post-delivery care as part of this scheme. So only 2 is correct.

Open WRAP page — <https://wrapexams.com/upsc/prelims/gs/2024/with-reference-to-the-pradhan-mantri-surakshit-matritva-abhiyan-consider-the-following-statements-1-this-scheme-guarantees-a-minimum-package-of-antenatal-care-services-to-women-in-their-second-and-third-trimesters-of/>

Q100 · Set A

With reference to the Pradhan Mantri Shram Yogi Maan-dhan (PM- SYM) Yojana, consider the following statements:

- 1. The entry age group for enrolment in the scheme is 21 to 40 years.**
- 2. Age specific contribution shall be made by the beneficiary.**
- 3. Each subscriber under the scheme shall receive a minimum pension of Rs. 3000 per month after attaining the age of 60 years.**
- 4. Family pension is applicable to the spouse and unmarried daughters.**

Which of the statements given above is/are correct ?

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

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Explanation

(a) 1, 3 and 4. Entry age is 18-40, not 21-40; family pension is not as statement 4 claims.

(b) Official key: 2 and 3 only. Age-specific contribution; ₹3,000 pension after 60.

(c) 2 only. Statement 3 is also keyed.

(d) 1, 2 and 4. 1 and 4 fail.

Summary. Official key is (b) 2 and 3 only. PM-SYM is for unorganised workers aged 18-40 (not 21-40). The subscriber pays an age-specific contribution; the Centre matches it. After 60 the pension is ₹3,000 a month. Family pension is 50% to the spouse if the subscriber dies after starting pension - not "spouse and unmarried daughters" as statement 4. So 1 and 4 fail; 2 and 3 hold.

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

Question-wise key

Q1 (d) Statement-I is incorrect, but Statement-II is correct Solution

Q2 (a) Both Statement-I and Statement-II are correct and Statement-II explains Statement-I Solution

Q3 (d) All four Solution

Q4 (a) 1 only Solution

Q5 (c) Cote d'Ivoire and Ghana Solution

Q6 (b) Gomati - Ghaghara - Gandak - Kosi Solution

Q7 (a) Both Statement-II and Statement-III are correct and both of them explain Statement-I Solution

Q8 (b) Only two Solution

Q9 (a) Only one Solution

Q10 (b) Only two Solution

Q11 (a) 1 and 2 only Solution

Q12 (a) 1 only Solution

Q13 (d) Marine West coast climate Solution

Q14 (c) Both 1 and 2 Solution

Q15 (d) 2 and 4 Solution

Q16 (b) Congo Basin Solution

Q17 (d) 1, 2 and 3 Solution

Q18 (b) Only three Solution

- Q19 (c) All three Solution
- Q20 (c) Statement-I is correct, but Statement-II is incorrect Solution
- Q21 (c) Insects Solution
- Q22 (a) Both Statement-I and Statement-II are correct and Statement- II explains Statement-I Solution
- Q23 (d) None Solution
- Q24 (a) 2 only Solution
- Q25 (a) 1 and 2 only Solution
- Q26 (a) It is a platform for accelerating the transition towards food and water systems tha... Solution
- Q27 (d) All four Solution
- Q28 (a) Fig Solution
- Q29 (c) All three Solution
- Q30 (a) Only one Solution
- Q31 (b) 2 and 3 only Solution
- Q32 (d) Statement-I is incorrect, but Statement-II is correct Solution
- Q33 (a) Nitric oxide Solution
- Q34 (b) Only two Solution
- Q35 (d) None Solution
- Q36 (a) 1 only Solution
- Q37 (d) Water vapour Solution
- Q38 (c) Long duration energy storage Solution
- Q39 (d) Wastewater treatment technologies Solution
- Q40 (c) Money market Solution
- Q41 (d) the average number of live births a woman would have by the end of her child- beari... Solution
- Q42 (c) 1, 2 and 3 Solution
- Q43 (d) 1, 2 and 3 Solution
- Q44 (d) 1 and 3 only Solution
- Q45 (b) Only two Solution
- Q46 (c) 1, 2, 3 and 4 Solution
- Q47 (b) Only two Solution
- Q48 (c) Metaverse Solution
- Q49 (d) Neither 1 nor 2 Solution
- Q50 (a) 1 only Solution
- Q51 (a) Both Statement-I and Statement-II are correct and Statement- II explains Statement-I Solution
- Q52 (c) Statement-I is correct, but Statement-II is incorrect Solution
- Q53 (d) 1, 2 and 4 Solution
- Q54 (b) 2 and 3 only Solution
- Q55 (b) 2 and 3 Solution
- Q56 (a) Krishnadevaraya Solution
- Q57 (b) 2 only Solution
- Q58 (b) 2 only Solution
- Q59 (a) 1 only Solution
- Q60 (c) Garba dance Solution
- Q61 (d) Dr. Sachchidananda Sinha Solution
- Q62 (a) 1 only Solution
- Q63 (c) Madhyama- vyayoga Solution

- Q64 (c) Sarvastivada Vinaya Solution
- Q65 (b) Only two Solution
- Q66 (d) 1, 2 and 3 Solution
- Q67 (a) 1, 2 and 4 Solution
- Q68 (c) 1, 2 and 3 Solution
- Q69 (d) 3 only Solution
- Q70 (a) 1, 2 and 3 only Solution
- Q71 (d) Four Solution
- Q72 (a) 1, 2 and 3 Solution
- Q73 (b) Only two Solution
- Q74 (d) 1, 2 and 3 Solution
- Q75 (c) Inter-State quarantine is a Union subject under the Union List. Solution
- Q76 (d) Article 21 Solution
- Q77 (d) 1 and 3 only Solution
- Q78 (c) Operation Sadbhavana Solution
- Q79 (a) Canada and the United States of America Solution
- Q80 (c) 1 and 3 only Solution
- Q81 (c) 2 and 3 only Solution
- Q82 (d) 2, 3 and 4 Solution
- Q83 (c) the lower court prohibiting continuation of proceedings in a case. Solution
- Q84 (b) 2 only Solution
- Q85 (c) Both 1 and 2 Solution
- Q86 (d) Subrahmanyam Jaishankar Solution
- Q87 (b) Only two pairs Solution
- Q88 (a) Both Statement-I and Statement-II are correct and Statement- II explains Statement-I Solution
- Q89 (c) Both 1 and 2 Solution
- Q90 (d) Power plants using fossil fuels Solution
- Q91 (a) Both Statement-I and Statement-II are correct and Statement- II explains Statement-I Solution
- Q92 (d) Statement-I is incorrect, but Statement-II is correct Solution
- Q93 (a) 1 only Solution
- Q94 (b) 1 and 2 Solution
- Q95 (c) 2 and 3 Solution
- Q96 (c) Statement-I is correct, but Statement-II is incorrect Solution
- Q97 (d) Statement-I is incorrect, but Statement-II is correct Solution
- Q98 (d) 1, 2 and 3 Solution
- Q99 (b) 2 only Solution
- Q100 (b) 2 and 3 only Solution