UPSC CSE Prelims 2024 — General Studies Paper 1

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Q1. How many Delimitation Commissions have been constituted by the Government of India till December 2023?

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

Q2. The Constitution (71st Amendment) Act, 1992 amends the Eighth Schedule to the Constitution to include which of the following languages? Select the correction answer using the code given below :

1. Konkani
2. Manipuri
3. Nepali
4. Maithili

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

Q3. Consider the following pairs : Party Its Leader How many of the above are correctly matched?

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

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

Q4. 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

Q5. 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.

Q6. 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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Q7. What are the duties of the Chief of Defence Staff (CDS) as Head of the Department of Military Affairs? Select the correct answer using the code given below.

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.

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

Q8. 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

Q9. 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

Q10. Which of the following statements about the Ethics Committee in the Lok Sabha are correct? Select the correct answer using the code given below :

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.

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

Q11. 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

Q12. With reference to the Government of India Act, 1935, consider the following statements : Which of the statements given above is/are correct ?

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.

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

Q13. Which one of the following is a work attributed to playwright Bhasa ?

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

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Q14. 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

Q15. Consider the following properties included in the World Heritage List released by UNESCO : How many of the above properties were included in 2023 ?

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

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

Q16. 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

Q17. Consider the following countries : Which of the above countries are frequently mentioned in the media for their low birth rates, or ageing population of declining population ?

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

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

Q18. Which of the following statements are correct in respect of a Money Bill in the Parliament? Select the correct answer using the code given below :

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.

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

Q19. Which of the following is/are correctly matched in terms of equivalent rank in the three services of Indian Defence forces ? Army : Airforce : Navy Select the correct answer using the code given below :

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

(a) 1 and 4

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

Q20. 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 ? Select the correct answer using the code given below :

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

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

Q21. Consider the following statements regarding 'Nari Shakti Vandan Adhiniyam' : Which of the statements given above are correct ?

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.

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

Q22. Which of the following statements about 'Exercise Mitra Shakti- 2023' are correct? Select the correct answer using the code given below :

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.

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

Q23. 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.

Q24. Consider the following statements : Which of the statements given above is/are correct ?

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.

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

Q25. With reference to Union Budget, consider the following statements : Which of the statements given above is/are correct ?

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

Q26. 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

Q27. Consider the following pairs : Country Reason for being in the news How many of the pairs given above are correctly matched?
1. Argentina Worst economic crisis
2. Sudan War between the country’s regular and paramilitary forces
3. Turkey Rescinded its membership of NATO
(a) Only one pair
(b) Only two pairs
(c) All three pairs
(d) None of the pairs

Q28. 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

Q29. Consider the following statements : Which of the statements given above is/are correct ?
1. The Red Sea receives very little precipitation in any form.
2. No water enters the Red Sea from rivers.
(a) 1 only
(b) 2 only
(c) Both 1 and 2
(d) Neither 1 nor 2

Q30. 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

Q31. 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

Q32. 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

Q33. Consider the following statements in respect of the digital rupee: Which of the statements given above are correct ?

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.

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

Q34. With reference to ancient India, Gautama Buddha was generally known by which of the following epithets ? Select the correct answer using the code given below :

1. Nayaputta
2. Shakyamuni
3. Tathagata

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

Q35. Consider the following information : Archaeological Site State Description which of the above rows is given information correctly matched ?

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

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

Q36. 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

Q37. With reference to revenue collection by Cornwallis, consider the following statements : Which of the statements given above is/are correct ?

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.

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

Q38. Consider the following statements : Which of the statements given above is/are correct ?

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

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

Q39. Consider the following statements : Which of the statements given above is/are correct ?

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.

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

Q40. 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

Q41. 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 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

Q42. 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

Q43. 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 Which of the statements given above is/are correct ?

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.

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

Q44. With reference to the Indian Parliament, consider the following statements : Which of the statements given above is/are correct ?

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.

(a) 1 only
(b) 1 and 2

(c) 2 and 3
(d) 3 only

Q45. With reference to the Parliament of India, consider the following statements : Which of the statements given above is/are correct ?

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.

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

Q46. 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

Q47. 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

Q48. With reference to the Digital India Land Records Modernisation Programme, consider the following statements : Which of the statements given above are correct ?

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.

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

Q49. With reference to the 'Pradhan Mantri Surakshit Matritva Abhiyan', consider the following statements : Which of the statements given above is/are correct ?

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.

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

Q50. With reference to the Pradhan Mantri Shram Yogi Maan-dhan (PM- SYM) Yojana, consider the following statements : Which of the statements given above is/are correct ?

1. The entry age group for enrolment in the shceme 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.

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

Q51. 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

Q52. 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) Bothe 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

Q53. Consider the following : How many of the above are products of volcanic eruptions ?

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

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

Q54. 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

Q55. 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

Q56. 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

Q57. 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-Ill is correct

Q58. 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

Q59. Consider the following information Waterfall : Region : River In how many of the above rows is the given information correctly matched ?

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

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

Q60. Consider the following information : Region Name of the mountain range Type of mountain In how many of the above rows is the information correctly matched ?

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

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

Q61. The organisms "Cicada, Froghopper and Pond skater" are :

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

Q62. 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

Q63. Consider the following pairs : Country Animal found in its natural habitat How many of the pairs given above are correctly matched ?

1. Brazil Indri
2. Indonesia Elk
3. Madagascar Bonobo

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

Q64. Consider the following statements regarding World Toilet Organization : Which of the statements given above is/are correct ?

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.

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

Q65. Consider the following statements : Which of the statements given above are correct ?

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.

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

Q66. 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.

Q67. Consider the following: How many of the above are considered "Distributed Energy Resources"

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

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

Q68. 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

Q69. Consider the following : How many of the above have poisonous species among them ?

1. Butterflies
2. Fish
3. Frogs

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

Q70. Consider the following: How many of the above trees are actually native to India?

1. Cashew
2. Papaya
3. Red sanders

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

Q71. Consider the following airports: which of the above have been constructed as Greenfield projects ?

1. Donyi Polo Airport
2. Kushinagar International Airport
3. Vijayawada International Airport In the recent past,

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

Q72. 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

Q73. 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

Q74. 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

Q75. On June 21 every year, which of the following latitude(s) experience(s) a sunlight of more than 12 hours ? Select the correct answer using the code given below :

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

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

Q76. 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 denot that region ?

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

Q77. With reference to perfluoroalkyl and polyfluoroalkyl substances (PFAS) that are used in making many consumer product, consider the following statements : Which of the statements given above are correct?

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.

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

Q78. Consider the following : how many of the above kind of organisms?

1. Carabid beetles
2. Centipedes
3. Flies
4. Termites
5. Wasps Parasitoid species are found

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

Q79. Consider the following plants How many of the above belong to the pea family ?

1. Groundnut
2. Horse-gram
3. Soybean

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

Q80. 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

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

Q81. 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.

Q82. Consider the following statements: Which of the statements given above is/are correct?

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.

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

Q83. In India, which of the following can trade in Corporate Bonds and Government Securities? Select the correct answer using the code given below:

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

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

Q84. Consider the following: Which of the above is/are considered financial instruments?

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

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

Q85. With reference to the sectors of the Indian economy, consider the following pairs: Economic activity Sector How many of the pairs given above are correctly matched?

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

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

Q86. Consider the following materials: Which of the above can be used as feedstock for producing Sustainable Aviation Fuel?

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

(a) 1 and 2 only
(b) 3 and 4 only

(c) 1, 2, 3 and 4
(d) 1, 3 and 4 only

Q87. With reference to physical capital in Indian economy, consider the following pairs: Items Category How many of the above pairs are correctly matched?

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

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

Q88. 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

Q89. With reference to the rule/rules imposed by the Reserve Bank of India while treating foreign banks, consider the following statements: Which of the statements given above is/are correct?

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.

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

Q90. With reference to Corporate Social Responsibility (CSR) rules in India, consider the following statements: Which of the statements given above is/are correct?

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.

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

Q91. With reference to radioisotope thermoelectric generators (RTGs), consider the following statements: Which of the statements given above are correct?

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

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

Q92. 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

Q93. 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

Q94. Consider the following activities: In how many of the above activities can the radars be used?

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

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

Q95. Consider the following aircraft: How many of the above are considered fifth generation fighter aircraft?

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

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

Q96. In which of the following are hydrogels used? Select the correct answer using the code given below:

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

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

Q97. 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

Q98. 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

Q99. "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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Q100. 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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Verified Answer Key — UPSC CSE Prelims 2024 — General Studies Paper 1

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

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