UPSC CSE Prelims 2013 — General Studies Paper 1

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Q1. Consider the following statements- The Parliamentary Committee on Public Accounts. Which of the statements given above is/are correct?

1. Consists of not more than 25 Members of the Lok Sabha.
2. Scrutinizes appropriation and finance accounts of the Government.
3. Examines the report of the Comptroller and Auditor General of India.

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

Q2. Consider the following Bhakti Saints:

1. Dadu Dayal
2. Guru Nanak
3. Tyagaraja Who among the above was/were preaching when the Lodi dynasty fell and Babur took over?

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

Q3. With reference to the food chains in ecosystems, which of the following kinds of organism is/are known as decomposer organism/organisms? Select the correct answer using the codes given below:

1. Virus
2. Fungi
3. Bacteria

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

Q4. The most important fishing grounds of the world are found in the regions where

(a) Warm and cold atmospheric currents meet
(b) Rivers drain out large amounts of freshwater into the sea
(c) Warm and cold oceanic currents meet
(d) Continental shelf is undulating

Q5. Which of the following is/are unique characteristic/characteristics of equatorial forests? Select the correct answer using the codes given below:

1. Presence of tall, closely set trees with crowns forming a continuous canopy
2. Coexistence of a large number of species
3. Presence of numerous varieties of epiphytes

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

Q6. Which of the following constitute Capital Account? Select the correct answer using the codes given below:

1. Foreign Loans
2. Foreign Direct Investment
3. Private Remittances
4. Portfolio Investment

(a) 1, 2 and 3

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

Q7. Consider the following historical places: Which of the above places is/are also known for mural paintings?

1. Ajanta Caves
2. Lepakshi Temple
3. Sanchi Stupa

(a) 1 only
(b) 1 and 2 only
(c) 1, 2 and 3
(d) None

Q8. With reference to the history of philosophical thought in India, consider the following statements regarding Sankhya school: Which of the statements given above is/are correct?

1. Sankhya does not accept the theory of rebirth or transmigration of soul.
2. Sankhya holds that it is the self-knowledge that leads to liberation and not any exterior influence or agent.

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

Q9. In the context of India, which of the following principles is/are, implied institutionally in the parliamentary government?

1. Members of the Cabinet are Members of the Parliament.
2. Ministers hold the office till they enjoy confidence in the Parliament.
3. Cabinet is headed by the Head of the State. Select

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

Q10. The annual range of temperature in the interior of the continents is high as compared to coastal areas. What is/are the reason/reasons? Select the correct answer using the codes given below:

1. Thermal difference between land and water
2. Variation in altitude between continents and oceans
3. Presence of strong winds in the interior
4. Heavy rains in the interior as compared to coasts

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

Q11. Which of the following is/are the characteristic/characteristics of Indian coal? Select the correct answer using the codes given below:

1. High ash content
2. Low sulphur content
3. Low ash fusion temperature

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

Q12. Which of the following statements regarding laterite soils of India are correct? Select the correct answer using the codes given below:

1. They are generally red in colour.
2. They are rich in nitrogen and potash.
3. They are well-developed in Rajasthan and UP.
4. Tapioca and cashew nuts grow well on these soils.

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

Q13. Consider the following statements: Which of the statements given above is/are correct?

1. Natural gas occurs in the Gondwana beds.
2. Mica occurs in abundance in Kodarma.
3. Dharwars are famous for petroleum.

(a) 1 and 2
(b) 2 only
(c) 2 and 3
(d) None

Q14. Consider the following crops: Which of these are Kharif crops?

1. Cotton
2. Groundnut
3. Rice
4. Wheat

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

Q15. “Climate is extreme, rainfall is scanty and the people used to be nomadic herders.” The above statement best describes which of the following regions?

(a) African Savannah
(b) Central Asian Steppe
(c) North American Prairie
(d) Siberian Tundra

Q16. Consider the following statements: Which of the statements given above is/are correct?

1. Inflation benefits the debtors.
2. Inflation benefits the bond-holders.

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

Q17. Disguised unemployment generally means

(a) Large number of people remain unemployed
(b) Alternative employment is not available
(c) Marginal productivity of labour is zero
(d) Productivity of workers is low

Q18. Consider the following statements: Which of the statements given above is/are correct?

1. The Council of Ministers in the Centre shall be collectively responsible to the Parliament.
2. The Union Ministers shall hold the office during the pleasure of the President of India.
3. The Prime Minister shall communicate to the President about the proposals for legislation.

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

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

Q19. Consider the following statements: Which of the statements given above is/are correct?

1. National Development Council is an organ of the Planning Commission.
2. The Economic and Social Planning is kept in the Concurrent List in the Constitution of India.
3. The Constitution of India prescribes that Panchayats should be assigned the task of preparation of plans for economic development and social justice.

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

Q20. Consider the following statements: Which of the statements given above is/are correct?

1. The Chairman and the Deputy Chairman of the Rajya Sabha are not the members of that House.
2. While the nominated members of the two Houses of the Parliament have no voting right in the presidential election, they have the right to vote in the election of the Vice President.

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

Q21. With reference to National Legal Services Authority consider the following statements: Which of the statements given above is/are correct?

1. Its objective is to provide free and competent legal services to the weaker section of the society on the basis of equal opportunity.
2. It issues guidelines for the State Legal Services Authorities to implement the legal programmes and schemes throughout the country.

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

Q22. During a thunderstorm, the thunder in the skies is produced by the Select the correct answer using the codes given below:

1. Meeting of cumulonimbus clouds in the sky.
2. Lightning that separates the nimbus clouds.
3. Violent upward movement of air and water particles.

(a) 1 only
(b) 2 and 3
(c) 1 and 3
(d) None of the above produces the thunder

Q23. Consider the following pairs: Tribe State Which of the above pairs are correctly matched?

1. Limboo (Limbu) Sikkim
2. Karbi Himachal Pradesh
3. Dongaria Kondh Odisha
4. Bonda Tamil Nadu

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

Q24. Consider the following liquid assets:

1. Demand deposits with the banks
2. Time deposits with the banks

3. Savings deposits with the banks
4. Currency The correct sequence of these assets in the decreasing order of liquidity is

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

Q25. In the context of Indian economy, 'Open Market Operations' refers to

(a) Borrowing by scheduled banks from the RBI
(b) Lending by commercial banks to industry and trade
(c) Purchase and sale of government securities by the RBI
(d) None of the above

Q26. Priority Sector Lending by banks in Indian constitutes the lending to

(a) Agriculture
(b) Micro and small enterprises
(c) Weaker sections
(d) All of the above

Q27. Which one among the following industries is the maximum consumer of water in India?

(a) Engineers
(b) Paper and pulp
(c) Textiles
(d) Thermal power

Q28. To obtain full benefits of demographic dividend, what should India do?

(a) Promoting skill development
(b) Introducing more social security schemes
(c) Reducing infant mortality rate
(d) Privatization of higher education

Q29. In the context of cultural history of India, a pose in dance and dramatics called 'Tribhanga' has been a favourite of Indian artists from ancient times till today. Which one of the following statements best describes this pose?

(a) One leg is bent and the body is slightly but oppositely curved at waist and neck
(b) Facial expressions, hand gestures and make-up are combined to symbolize certain epic or historic characters
(c) Movements of body, face and hands are used to express oneself or to tell a story
(d) A little smile, slightly curved waist and certain hand gestures are emphasized to express the feelings of love or eroticism

Q30. Annie Besant was Select the correct statement/statements using the codes given below.

1. Responsible for starting the Home Rule Movement
2. The founder of the Theosophical Society
3. Once the President of the Indian National Congress

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

Q31. The Ilbert Bill controversy was related to the

(a) Imposition of certain restrictions to carry arms by the Indians
(b) Imposition of restrictions on newspapers and magazines published in Indian languages
(c) Removal of disqualifications imposed on the Indian magistrates with regard to the trial of the Europeans
(d) Removal of a duty on imported cotton cloth

Q32. A rise in general level of prices may be caused by Select the correct answer using the codes given below:

1. An increase in the money supply

2. A decrease in the aggregate level of output
3. An increase in the effective demand

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

Q33. Which one of the following groups of items is included in India's foreign-exchange reserves?

(a) Foreign-currency assets, Special Drawing Rights (SDRs) and loans from foreign countries
(b) Foreign-currency assets, gold holdings of the RBI and SDRs
(c) Foreign-currency assets, loans from the World Bank and SDRs
(d) Foreign-currency assets, gold holdings of the RBI, and loans from the World Bank

Q34. Which one of the following is likely to be the most inflationary in its effect?

(a) Repayment of public debt
(b) Borrowing from the public to finance a budget deficit
(c) Borrowings from banks to finance a budget deficit
(d) Creating new money to finance a budget deficit

Q35. Supply of money remaining the same when there is an increase in demand for money, there will be

(a) a fall in the level of prices
(b) an increase in the rate of interest
(c) a decrease in the rate of interest
(d) an increase in the level of income and employment

Q36. Fruits stored in a cold chamber exhibit longer storage life because

(a) exposure to sunlight is prevented
(b) concentration of carbon diodixe in the environment in increased
(c) rate of respiration in decreased
(d) there is an increase in humidity

Q37. Consider the following fauna and India: Which of the above is/are endangered?

1. Gharial
2. Leatherback turtle
3. Swamp deer

(a) 1 and 2 only
(b) 3 only
(c) 1, 2 and 3
(d) None

Q38. Ball bearings are used in bicycles, cars, etc., because

(a) the actual area of contact between the wheel and axle is increased
(b) the effective area of contact between the wheel and axle is increased
(c) the effective area of contact between the wheel and axle is reduced
(d) None of the above statements is correct

Q39. Consider the following statements: Which of the above are optical illusions?

1. Size of the sun at dusk
2. Colour of the sun at dawn
3. Moon being visible at dawn
4. Twinkle of stars in the sky
5. Polestar being visible in the sky

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

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Q40. Rainbow is produced when sunlight falls on drops of rain. Which of the following physical phenomena are responsible for this? Select the correct answer using the codes given below:

1. Dispersion
2. Refraction
3. Internal reflection

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

Q41. Many transplanted seedlings do not grow because

(a) the new soil does not contain favourable minerals
(b) most of the root hairs grip the new soil too hard
(c) most of the root hairs are lost during transplantation
(d) leaves get damaged during transplantation

Q42. Economic growth in country X will necessarily have to occur it

(a) there is technical progress in the world economy
(b) there is population growth in X
(c) there is capital formation in X
(d) the volume of trade grows in the world economy

Q43. Which of the following statements is/are correct? Select the correct answer using the codes given below.

1. Viruses lack enzymes necessary for the generation of energy
2. Viruses can be cultured in any synthetic medium.
3. Viruses are transmitted from one organism to another by biological vectors only

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

Q44. Which of the following leaf modifications occurs/occur in desert areas to inhibit water loss? Select the correct answer using the codes given below.

1. Hard and waxy leaves
2. Tiny leaves or no leaves
3. Thorns instead of leaves

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

Q45. The known forces of nature can be divided into four classes, viz., gravity, electromagnetism, weak nuclear force and strong nuclear force. With reference to them, which one of the following statements is not correct?

(a) Gravity is the strongest of the four
(b) Electromagnetism acts only on particles with an electric charge
(c) Weak nuclear force causes radioactivity
(d) Strong nuclear force holds protons and neutrons inside the nucleus of an atom

Q46. The efforts to detect the existence of Higgs boson particle have become frequent news in the recent past. What is/are the importance/importances of discovering this particle? Select the correct answer using the codes given below:

1. It will enable us to understand as to why elementary particles have mass.
2. It will enable us in the near future to develop the technology of transferring matter from one point to another without traversing the physical space between them.
3. It will enable us to crease better fuels for nuclear mission.

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

Q47. Mycorrhizal biotechnology has been used in rehabilitating degraded sites because mycorrhiza enables the plants to Select the correct answer using the codes given below:

1. Resist drought and increase absorptive area
2. Tolerate extremes of pH
3. Resist disease infestation

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

Q48. Who among the following constitute the National Development Council? Select the correct answer using the codes given below.

1. The Prime Minister
2. The Chairman, Finance Commission
3. Ministers of the Union Cabinet
4. Chief Ministers of the States

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

Q49. The national income of a country for a given period is equal to the

(a) total value of goods and services produced by the nationals
(b) sum of total consumption and investment expenditure
(c) sum of personal income of all individuals
(d) money value of final goods and service produced

Q50. Which of the following grants/grant direct credit assistance to rural households? Select the correct answer using the codes given below.

1. Regional Rural Banks
2. National Bank for Agriculture and Rural Development
3. Land Development Banks

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

Q51. What will follow if a Money Bill is substantially amended by the Rajya Sabha?

(a) The Lok Sabha may still proceed with the Bill, accepting or not accepting the recommendations of the Rajya Sabha
(b) The Lok Sabha cannot consider the Bill further
(c) The Lok Sabha may send the Bill to the Rajya Sabha for reconsideration
(d) The President may call a joint sitting for passing the Bill

Q52. Which one of the following statements is correct?

(a) In India, the same person cannot be appointed as Governor for two or more States at the same time.
(b) The Judges of the High Court of the States in India are appointed by the Governor of the State just as the Judges of the Supreme Court are appointed by the President
(c) No procedure has been laid down in the Constitution of India for the removal of a Governor from his/her post
(d) In the case of a Union Territory having a legislative setup, the Chief Minister is appointed by the Lt. Governor on the basis of majority support

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Q53. Which one of the following pairs is correctly matched? Geographical Feature Region

(a) Abyssinian Plateau Arabia
(b) Atlas Mountains North-Western Africa
(c) Guiana Highlands South-Western Africa
(d) Okavango Basin Patagonia

Q54. With reference to the history of Indian rock- cut architecture, consider the following statements: Which of the statements given above is/are correct?

1. The cases at Badami are the oldest surviving rock-cut caves in India.
2. The Barabar rock-cut cases were originally made for Ajivikas by Emperor Chandragupta Maurya.
3. At Ellora, caves were made for different faiths.

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

Q55. Recombination DNA technology (Genetic Engineering) allows genes to be transferred Select the correct answer using the codes given below.

1. across different species of plants
2. from animals to plants
3. from microorganisms to higher organisms

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

Q56. The Chinese traveler Yuan Chwang (Hiuen Tsang) who visited India recorded the general conditions and culture of India at that time. In this context, which of the following statements is/are correct? Select the correct answer using the codes given below.

1. The roads and river-routes were completely immune from robbery.
2. As regards punishment for offences, ordeals by fire, water and poison were the instruments for determining the innocence or guilt of a person.
3. The tradesmen had to pay duties at ferries and barrier stations.

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

Q57. Consider the following: Which of the above are naturally found in India?

1. Star tortoise
2. Monitor lizard
3. Pygmy hog
4. Spider monkey

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

Q58. Which of the following can be found as pollutants in the drinking water in some parts of India? Select the correct answer using the codes given below.

1. Arsenic
2. Sorbitol
3. Fluoride
4. Formaldehyde
5. Uranium

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

Q59. With reference to Indian History, the Members of the Constituent Assembly from the Provinces were

(a) directly elected by the people of those Provinces
(b) nominated by the Indian National Congress and the Muslim League
(c) elected by the Provincial Legislative Assemblies
(d) selected by the Government for their expertise in constitutional matters

Q60. Consider the following animals: Which of the above is/are mammal/mammals?

1. Sea cow
2. Sea horse
3. Sea lion

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

Q61. Consider the following statements: Which of the statements given above is/are correct?

1. An amendment to the Constitution of India can be initiated by an introduction of a bill in the Lok Sabha only.
2. If such an amendment seeks to make changes in the federal character of the Constitution, the amendment also requires to be ratified by the legislature of all the States of India.

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

Q62. Consider the following statements: Attorney General of India can Which of the statements given above is/are correct?

1. take part in the proceedings of the Lok Sabha
2. be a member of a committee of the Lok Sabha
3. speak in the Lok Sabha
4. vote in the Lok Sabha

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

Q63. With reference to the usefulness of the by- products of sugar industry, which of the following statements is/are correct? Select the correct answer using the codes given below:

1. Bagasse can be used as biomass fuel for the generation of energy.
2. Molasses can be used as one of the feedstocks for the production of synthetic chemical fertilizers.
3. Molasses can be used for the production of ethanol.

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

Q64. Variations in the length of daytime and nighttime from season to season are due to

(a) the earth's rotation on its axis
(b) the earth's revolution round the sun in an elliptical manner
(c) latitudinal position of the place
(d) revolution of the earth on a tilted axis

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Q65. The Narmada river flows to the west, while most other large peninsular rivers flow to the east. Why? Select the correct answer using the codes given below.

1. It occupies a linear rift valley.
2. It flows between the Vindhyas and the Satpuras.
3. The land slopes to the west from Central India.

(a) 1 only
(b) 2 and 3
(c) 1 and 3
(d) None

Q66. On the planet earth, most of the freshwater exists as ice caps and glaciers. Out of the remaining freshwater, the largest proportion

(a) is bound in atmosphere as moisture and clouds
(b) is found in freshwater lakes and rivers
(c) exists as groundwater
(d) exists as soil moisture

Q67. Consider the following pairs: Which of the above pairs is/are correctly matched?

1. Nokrek Biosphere Reserve Garo Hills
2. Logtak (Loktak) Lake Barail Range
3. Namdapha National Park Dafla Hills

(a) 1 only
(b) 2 and 3 only
(c) 1, 2 and 3
(d) None

Q68. Consider the following: Which of the above are responsible for bringing dynamic changes on the surface of the earth?

1. Electromagnetic radiation
2. Geothermal energy
3. Gravitational force
4. Plate movements
5. Rotation of the earth
6. Revolution of the earth

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

Q69. Which of the following bodies does not/do not find mention in the Constitution? Select the correct answer using the codes given below:

1. National Development Council
2. Planning Commission
3. Zonal Councils

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

Q70. The demand for the Tebhaga Peasant Movement in Bengal was for

(a) the reduction of the share of the landlords from one-half of the crop to one- third
(b) the grant of ownership of land to peasants as they were the actual cultivators of the land.
(c) the uprooting of Zamindari system and the end of serfdom
(d) writing off all peasant debts

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Q71. The Parliament can make any law for whole or any part of India for implementing International treaties

(a) with the consent of all the States
(b) with the consent of the majority of States
(c) with the consent of the States concerned
(d) without the consent of any State

Q72. In the grasslands, trees do not replace the grasses as a part of an ecological succession because of

(a) insects and fungi
(b) limited sunlight and paucity of nutrients
(c) water limits and fire
(d) None of the above

Q73. Which one of the following is the correct sequence of ecosystems in the order of decreasing productivity?

(a) Oceans, lakes, grasslands, mangroves
(b) Mangroves, oceans, grasslands, lakes
(c) Mangroves, grasslands, lakes, oceans
(d) Oceans, mangroves, lakes, grasslands

Q74. Contour bunding is a method of soil conservation used in

(a) desert margins, liable to strong wind action
(b) low flat plains, close to stream courses, liable to flooding
(c) scrublands, liable to spread of weed growth
(d) None of the above

Q75. The Government enacted, the Panchayat Extension to Scheduled Areas (PESA) Act in 1996. Which one of the following is not identified as its objective?

(a) To provided self-governance
(b) To recognize traditional rights
(c) To create autonomous regions in tribal areas
(d) To free tribal people from exploitation

Q76. Under the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006, who shall be the authority to initiate the process for determining the nature and extent of individual or community forest rights or both?

(a) State Forest Department
(b) District Collector/Deputy Commissioner
(c) Tahsildar/Block Development Officer/Mandal Revenue Officer
(d) Gram Sabha

Q77. Improper handling and storage of cereal grains and oilseeds result in the production of toxins known as aflatoxins which are not generally destroyed by normal cooking process. Aflatoxins are produced by

(a) bacteria
(b) protozoa
(c) moulds
(d) viruses

Q78. 'Economic Justice' as one of the objectives of the Indian Constitutional has been provided in

(a) the Preamble and the Fundamental Rights
(b) the Preamble and the Directive Principles of State Policy
(c) the Fundamental Rights and the Directive Rights and the Directive Principles of State Policy
(d) None of the above

Q79. Due to improper/indiscriminate disposal of hold and used computers or their parts, which of the following are released into the environment as e-waste? Select the correct answer using the codes given below:

1. Beryllium
2. Cadmium

3. Chromium
4. Heptachlor
5. Mercury
6. Lead 7. Plutonium

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

Q80. Acid rain is caused by the pollution of environment by

(a) carbon dioxide and nitrogen
(b) carbon monoxide and carbon dioxide
(c) ozone and carbon dioxide
(d) nitrous oxide and sulphur dioxide

Q81. With reference to food chains in ecosystems, consider the following statements: Which of the statements given above is/are correct?

1. A food chains illustrates the order in which a chain of organisms feed upon each other.
2. Food chains are found within the populations of a species.
3. A food chain illustrates the numbers of each organism which are eaten by others.

(a) 1 only
(b) 1 and 2 only
(c) 1, 2 and 3
(d) None

Q82. Consider the following pairs: National Park River flowing through the Park Which of the above pairs is/are correctly mached?

1. Corbett National Park Ganga
2. Kaziranga National Park Manas
3. Silent Valley National Park Kaveri

(a) 1 and 2
(b) 3 only
(c) 1 and 3
(d) None

Q83. Consider the following organisms: Which of the above is/are used as biofertilizer/biofertilizers?

1. Agaricus
2. Nostoc
3. Spirogyra

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

Q84. Which of the following adds/add nitrogen to the soil? Select the correct answer using the codes given below:

1. Excretion of urea by animals
2. Burning of coal by man
3. Death of vegetation

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

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Q85. In which of the following States is lion-tailed macaque found in its natural habitat? Select the correct answer using the codes given below:

1. Tamil Nadu
2. Kerala
3. Karnataka
4. Andhra Pradesh

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

Q86. Some Buddhist rock-cut caves are called Chaityas, while the others are called Viharas. What is the difference between the two?

(a) Vihara is a place of worship, while Chaitya is the dwelling place of the monks
(b) Chaitya is a place of worship, while Vihara is the dwelling place of the monks
(c) Chaitya is the stupa at the far end of the cave, while Vihara is the hall axial to it
(d) There is no material difference between the two

Q87. Which one of the following describes best the concept of Nirvana in Buddhism?

(a) The extinction of the flame of desire
(b) The complete annihilation of self
(c) A state of bliss and rest
(d) A mental stage beyond all comprehension

Q88. According to the Constitution of India, which of the following are fundamental for the governance of the country?

(a) Fundamental Rights
(b) Fundamental Duties
(c) Directive Principles of State Policy
(d) Fundamental Rights and Fundamental Duties

Q89. The people of India agitated against the arrival of Simon Commission because

(a) Indians never wanted the review of the working of the Act of 1919
(b) Simon Commission recommended the abolition of Dyarchyh (Diarchy) in the Provinces
(c) There was no Indian member in the Simon Commission
(d) The Simon Commission suggested the partition of the country

Q90. Quit India Movement was launched in response to

(a) Cabinet Mission Plan
(b) Cripps Proposals
(c) Simon Commission Report
(d) Wavell Plan

Q91. The balance of payments of a country is a systematic record of

(a) all import and export transactions of a country during a given period of time, normally a year
(b) goods exported from a country during a year
(c) economic transaction between the government of one country to another
(d) capital movements from one country to another

Q92. The Reserve Bank of India regulates the commercial banks in matters of Select the correct answer using the codes given below:

1. liquidity of assets
2. branch expansion
3. merger of banks
4. winding-up of banks

(a) 1 and 4 only

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

Q93. An increase in the Bank Rate generally indicates that the

(a) market rate of interest is likely to fall
(b) Central Bank is no longer making loans to commercial banks
(c) Central Bank is following an easy money policy
(d) Central Bank is following a tight money policy

Q94. In India, deficit financing is used for raising resources for

(a) economic development
(b) redemption of public debt
(c) adjusting the balance of payments
(d) reducing the foreign debt

Q95. Which of the following characterizes/characterize the people of Indus Civilization? Select the correct statement/statements using the codes given below:

1. They possessed great palaces and temples.
2. They worshipped both male and female deities.
3. They employed horse-drawn chariots in warfare.

(a) 1 and 2 only
(b) 2 only
(c) 1, 2 and 3
(d) None of the statements given above is correct

Q96. Which of the following diseases can be transmitted from one person to another through tattooing? Select the correct answer using the codes given below:

1. Chikungunya
2. Hepatitis B
3. HIV-AIDS

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

Q97. Which of the following statements is/are applicable to Jain doctrine? Select the correct answer using the codes given below:

1. The surest way of annihilating Karma is to practice penance.
2. Every object, even the smallest particle has a soul.
3. Karma is the bane of the soul and must be ended.

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

Q98. Which one of the following terms describes not only the physical space occupied by an organism, but also its functional role in the community of organisms?

(a) Ecotone
(b) Ecological niche
(c) Habitat
(d) Home range

Q99. Photochemical smog is a resultant of the reaction among

(a) NO2, O3 and peroxyacetyl nitrate in the presence of sunlight
(b) CO, O2 and peroxyacetyl nitrate in the presence of sunlight

(c) CO, CO2 and NO2 at low temperature
(d) high concentration of NO2, O3 and CO in the evening

Q100. Consider the following minerals: Which of the minerals given above is/are required by human body for the contraction of muscles?

1. Calcium
2. Iron
3. Sodium

(a) 1 only
(b) 2 and 3 only
(c) 1 and 3 only
(d) 1, 2 and 3 Nature DDiiffffiicc GGrraanndd Total Grand Total SSoouurrcc Type GGrraanndd Grand Total Grand Total

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Verified Answer Key — UPSC CSE Prelims 2013 — General Studies Paper 1

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

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