UPSC CSE Prelims 2012 — General Studies Paper 1

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Q1. In the areas covered under the Panchayat (Extension to the Scheduled Areas) Act, 1996, what is the role/power of Gram Sabha? Which of the statements given above is/are correct?

1. Gram Sabha has the power to prevent alienation of land in the Scheduled Areas.
2. Gram Sabha has the ownership of minor forest produce.
3. Recommendation of Gram Sabha is required for granting prospecting lincence or mining lease for any mineral in the Scheduled Areas.

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

Q2. In the Parliament of India, the purpose of an adjournment motion is

(a) to allow a discussion on a definite matter of urgent public importance.
(b) to let opposition members collect information from the ministers.
(c) to allow a reduction of specific amount in demand for grant.
(d) to postpone the proceedings to check the inappropriate or violent behaviour on the part of some members.

Q3. How does National Biodiversity Authority (NBA) help in protecting the Indian Agriculture? Which of the statements given above is/are correct?

1. NBA checks the biopiracy and protects the indigenous and traditional genetic resources.
2. NBA directly monitors and supervises the scientific research on genetic modification of crop plants.
3. Application for Intellectual Property Rights related to genetic/biological resources cannot be made without the approval of NBA.

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

Q4. The National Green Tribunal Act, 2010 was enacted in consonance with which of the following provisions of the Constitution of India? Select the correct answer using the codes given below:

1. Right to healthy environment, construed as a part of Right to life under Article 21.
2. Provision of grants for raising the level of administration in the Scheduled Areas for the welfare of Scheduled Tribes under Article 275(1).
3. Powers and functions of Gram Sabha as mentioned under Article 243(A).

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

Q5. If National Water Mission is properly and completely implement, how will it impact the country? Select the correct answer using the codes given below:

1. Part of the water needs of urban areas will be met through recycling of waste-water.
2. The water requirements of coastal cities with inadequate alternative sources of water will be met by adopting appropriate technologies that allow for the use of ocean water.
3. All the rivers of Himalayan origin will be linked to the rivers of peninsular India.
4. The expenses incurred by farmers for digging bore-wells and for installing motors and pump-sets to draw ground-water will be completely reimbursed by the Government.

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

Q6. Consider the following provisions under the Directive Principles of State Policy as enshrined in the Constitution of India: Which of the above are the Gandhian Principles that are reflected in the Directive Principles of State Policy?

1. Securing for citizens of India a uniform civil code.
2. Organizing village Panchayats.
3. Promoting cottage industries in rural areas.
4. Securing for all the workers reasonable leisure and cultural opportunities.

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

Q7. Consider the following statements; Which of the statements given above is/are correct?

1. Union Territories are not represented in the Rajya Sabha.
2. It is within the purview of the Chief Election Commissioner to adjudicate the election disputes.
3. According to the Constitution of India, the Parliament consists of the Lok Sabha and the Rajya Sabha only.

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

Q8. With reference to consumers' rights/privileges under the provisions of law in India, which of the following statements is/are correct? Select the correct answer using the codes given below:

1. Consumers are empowered to take samples for food testing.
2. When a consumer files a complaint in any consumer forum, no fee is required to be paid.
3. In case of death of a consumer, his/her legal heir can file a complaint the consumer forum on his/her behalf.

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

Q9. Regarding the office of the Lok Sabha Speaker, consider the following statements: Which of the statements given above is/are correct?

1. He/She holds the office during the pleasure of the President.
2. He/She need not be a member of the House at the time of his/her election but has to become a member of the House within six months from the date of his/her election.
3. If he/she intends to resign, the letter of his/her resignation has to be addressed to the Deputy Speaker.

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

Q10. Which of the following are included in the original jurisdiction of the Supreme Court? Select the correct answer using the codes given below:

1. A dispute between the Government of India and one or more States.
2. A dispute regarding elections to either House of the Parliament or that of Legislature of a State.
3. A dispute between the Government of India and a Union Territory.
4. A dispute between two or more States.

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

Q11. Consider the following kinds of organisms: which of the above kinds of organisms are employed biopesticides?

1. Bacteria
2. Fungi
3. Flowering plants Some species of

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

Q12. Biomass gasification is considered to be one of the sustainable solutions to the power crisis in India. In this context, which of the following statements is/are correct? Select the correct answer using the codes given below:

1. Coconut shells, groundnut shells and rice husk can be used in biomass gasification.
2. The combustible gases generated consist of hydrogen and carbon dioxide only.
3. The combustible gases generated from biomass gasification can be used for direct heat generation but not in internal combustion engines.

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

Q13. What is the role of ultraviolet (UV) radiation in the water purification systems? Which of the statements given above is/are correct?

1. It inactivates/kills the harmful microorganisms in water.
2. It removes all the undesirable odours from the water.
3. It quickens the sedimentation of solid particles, removes turbidity and improves the clarity of water.

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

Q14. Graphene is frequently in news recently. What is its importance? Which of the statements given above are correct?

1. It is a two-dimensional material and has good electrical conductivity.
2. It is one of the thinnest but strongest materials tested so far.
3. It is entirely made of silicon and has high optical transparency.
4. It can be used as ‘conducting electrodes’ required for touch screens, LCDs and organic LEDs.

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

Q15. Lead, ingested or inhaled, is a health hazard. After the addition of lead to petrol has been banned, what still are the sources of lead poisoning? Select the correct answer using the codes given below:

1. Smelting units
2. Pens and pencils
3. Paints
4. Hair oils and cosmetics

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

Q16. With reference to ‘stem cells’, frequently in the news, which of the following statements is/are correct? Select the correct answer using the codes given below:

1. Stem cells can be derived from mammals only.

2. Stem cells can be used for screening new drugs.
3. Stem cells can be used for medical therapies.

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

Q17. Consider the following statements: Chlorofluorocarbons, known as ozone-depleting substances, are used Which of the statements given above is/are correct?

1. In the production of plastic foams.
2. In the production of tubeless tyres.
3. In cleaning certain electronic components.
4. As pressurizing agents in aerosol cans.

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

Q18. A team of scientists at Brookhaven National Laboratory including those from India crated the heaviest anti-matter (anti-helium nucleus). What is/are the implication/implications of the creation of anti-matter? Select the correct answer using the codes given below:

1. It will make mineral prospecting and oil exploration easier and cheaper.
2. It will help probe the possibility of the existence of stars and galaxies made of anti-matter.
3. It will help understand the evolution of the universe.

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

Q19. Which of the following is/are cited by the scientists as evidence/evidences for the continued expansion of universe? Select the correct answer using the codes given below:

1. Detection of microwaves in space.
2. Observation of redshift phenomenon in space.
3. Movement of asteroids in space.
4. Occurrence of supernova explosion in space.

(a) 1 and 2
(b) 2 only
(c) 1, 3 and 4
(d) None of the above can be cited as evidence

Q20. Electrically charged particles from space travelling at speeds of several hundred km/sec can severely harm living beings if they reach the surface of the Earth. What prevents them from reaching the surface of the Earth?

(a) The Earth's magnetic field diverts them towards its poles.
(b) Ozone later around the Earth reflects them back to outer space.
(c) Moisture in the upper layers from reaching the surface of the Earth.
(d) None of the statements (a), (b) and (c) given above is correct.

Q21. With reference to the scientific progress of ancient India, which of the statements given below are correct? Select the correct answer using the codes given below:

1. Different kinds of specialized surgical instruments were in common use by 1st century AD.
2. Transplant of internal organs in the human body had beginning of 3rd century AD.
3. The concept of sine of an angle was known in 5th century AD.
4. The concept of cyclic quadrilaterals was known in 7th century AD.

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

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

Q22. With reference to the history of ancient India, which of the following was/were common to both Buddhism and Jainism? Select the correct answer using the codes given below:

1. Avoidance of extremities of penance and enjoyment.
2. Indifference to the authority of the Vedas.
3. Denial of efficacy of rituals.

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

Q23. Which of the following can be said to be essentially the parts of 'Inclusive Governance'? Select the correct answer using the codes given below:

1. Permitting the Non-Banking Financial Companies to do banking.
2. Establishing effective District Planning Committees in all the districts.
3. Increasing the government spending on public health.
4. Strengthening the Mid-day Meal Scheme.

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

Q24. The Nagara, the Dravida and the Vesara are the

(a) three main racial groups of the Indian subcontinent.
(b) thee main linguistic divisions into which the languages of India can be classified.
(c) Three main styles of Indian temple architecture.
(d) Three main musical Gharanas prevalent in India.

Q25. The Congress ministries resigned in the seven provinces in 1939, because:

(a) The Congress could not form ministries in the other four provinces.
(b) Emergence of a 'left wing' in the Congress made the working of the ministries impossible.
(c) There were widespread communal disturbances in their provinces.
(d) None of the statements (a), (b) and (c) given above is correct

Q26. With reference to National Rural Health Mission, which of the following are the jobs of 'ASHA', a trained community health worker?

1. Accompanying women to the health facility for antenatal care checkup.
2. Using pregnancy test kits for early detection of pregnancy.
3. Providing information on nutrition and immunization.
4. Conducting the delivery of baby. Select eh correct answer using the codes given below:

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

Q27. Which of the following is/are the principal feature(s) of the Government of India Act, 1919? Select the correct answer using the codes given below:

1. Introduction of diarchy in the executive government of the provinces.
2. Introduction of separate communal electorates for Muslims.
3. Devolution of legislative authority by the centre to the provinces.

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

(d) 1, 2 and 3

Q28. During Indian freedom struggle, the National Social Conference was formed. What was the reason for its formation?

(a) Different social reform groups or organizations of Bengal region united to form a single body to discuss the issues of larger interest and to prepare appropriate petitions/representations to the government.

(b) Indian National Congress did not want to included social reforms in its deliberations and decided to form a separate body for such a purpose.

(c) Behramji Malabari and M.G. Ranade decided to bring together all the social reform groups of the country under one organization.

(d) None of the statements (a), (b) and (c) given above is correct in this context.

Q29. Which of the following parties were established by Dr. B.R. Ambedkar? Select the correct answer using the codes given below:

1. The Peasants and Workers Party of India.
2. All India Scheduled Castes Federation.
3. The Independent Labour Party.

(a) 1 and 2 only

(b) 2 and 3 only

(c) 1 and 3 only

(d) 1, 2 and 3

Q30. Which of the following special powers have been conferred on the Rajya Sabha by the Constitution of India?

(a) To change the existing territory of a State and to change the name of a State.

(b) To pass a resolution empowering the Parliament to make laws in the State List and to create one or more All India Services.

(c) To amend the election procedure of the President and to determine the pension of the President after his/her retirement.

(d) To determine the functions of the Election Commission and determine the number of Election Commissioners.

Q31. How does the National Rural Livelihood Mission seek to improve livelihood options of rural poor? Select the correct answer using the codes given below:

1. By setting up a large number of new manufacturing industries and agribusiness centres in rural areas.
2. By strengthening ‘self-help groups’ and providing skill development.
3. By supplying seeds, fertilizers, diesel pump-sets and micro-irrigation equipment free of cost to farmers.

(a) 1 and 2 only

(b) 2 only

(c) 1 and 3 only

(d) 1, 2 and 3

Q32. The Multi-dimensional Poverty Index developed by ‘Oxford Poverty and Human Development initiative with UNDP support covers which of the following? Select the correct answer using the codes given below:

1. Deprivation of education, health, assets and services at household level.
2. Purchasing power parity at national level.
3. Extent of budget deficit and GDP growth rate at national level.

(a) 1 only

(b) 2 and 3 only

(c) 1 and 3 only

(d) 1, 2 and 3

Q33. Which of the following is/are among the noticeable features of the recommendations of the Thirteenth Finance Commission? Select the correct answer using the codes given below:

1. A design for the Goods and Services Tax, and a compensation package linked to adherence to the proposed design.
2. A design for the creation of lakhs of jobs in the next ten years in consonance with India’s demographic dividend.
3. Devolution of a specified share of central taxes to local bodies as grants.

(a) 1 only

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

Q34. What is/are the recent policy initiative(s) of Government of India to promote the growth manufacturing sector? Select the correct answer using codes given below:

1. Setting up of National Investment and Manufacturing Zones.
2. Providing the benefit of 'single window clearance'.
3. Establishing the Technology Acquisition and Development Fund.

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

Q35. Which of the following are the methods of Parliamentary control over public finance in India? Select the correct answer using the codes given below:

1. Placing Annual Financial Statement before the Parliament.
2. Withdrawal of moneys from Consolidated Fund of India only after passing the Appropriation Bill.
3. Provisions of supplementary grants and vote-on- account.
4. A periodic or at least a mid-year review of programme macroeconomic forecasts and expenditure by a Parliamentary Budget Office.
5. Introducing Finance Bill in the Parliament.

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

Q36. Mahatma Gandhi underlook fast unto death in 1932, mainly because

(a) Round Table Conference failed to satisfy Indian political aspirations.
(b) Congress and Muslim League had differences of opinion.
(c) Ramsay Macdonald announced the Communal Award.
(d) None of the statements (a), (b) and (c) given above is correct in this context

Q37. With reference to Ryotwari Settlement, consider the following statements: Which of the statements given above is/are correct?

1. The rent was paid directly by the peasants to the Government.
2. The government gave Pattas to the Ryots.
3. The lands were surveyed and assesses before being taxed.

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

Q38. Consider the following specific stages of demographic transition associated with economic development: Select the correct order of the above stages using the codes given below:

1. Low birthrate with low death rate.
2. High birthrate with high death rate.
3. High birthrate with low death rate.

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

Q39. In India, in the overall index of Industrial Production, the Indices of Eight Core Industries have a combined weight of 37.90%. Which of the following are among those Eight Core Industries? Select the correct answer using the codes given below:

1. Cement
2. Fertilizers
3. Natural Gas
4. Refinery products
5. Textiles

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

Q40. Which of the following provisions of the Constitution of India have a bearing on Education? Select the correct answer using the codes given below:

1. Directive Principles of State Policy.
2. Rural and Urban Local Bodies.
3. Fifth Schedule
4. Sixth Schedule
5. Seventh Schedule

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

Q41. Government of India encourages the cultivation of 'sea buckthorn'. What is the importance of this plant/ Which of the statements given above is/are correct?

1. It helps in controlling soil erosion and in preventing desertification.
2. It is a rich source of biodiesel.
3. It has nutritional value and is well-adapted to live in cold areas of high altitudes.
4. Its timber is of great commercial value.

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

Q42. Which of the following is the chief characteristic of 'mixed farming'?

(a) Cultivation of both cash crops and food crops.
(b) Cultivation of two or more crops in the same field.
(c) Rearing of animals and cultivation of crops together.
(d) None of the above.

Q43. A particular State in India has the following characteristics:

1. It is located on the same latitude which passes through northern Rajasthan.
2. It has over 80% of its area under forest cover.
3. Over 12% of forest cover constitutes Protected Area Network in this State. Which one among the following States has all the above characteristics?

(a) Arunachal Pradesh
(b) Assam
(c) Himachal Pradesh
(d) Uttarakhand

Q44. Consider the following crops of India: Which of the above is/are used as pulse, fodder and green manure?

1. Cowpea
2. Green gram
3. Pigeon pea

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

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

Q45. Consider the following factors: Which of the above factors influence the ocean currents?

1. Rotation of the Earth
2. Air pressure and wind
3. Density of ocean water
4. Revolution of the Earth

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

Q46. With reference to the wetlands of India, consider the following statements: Which of the statements given above is/are correct?

1. The country's total geographical area under the category of wetlands is recorded more in Gujarat as compared to other States.
2. In India, the total geographical area of coastal wetlands is larger than that of inland wetlands.

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

Q47. Consider the following crops of India: Which of the above is/are predominantly rainfed crop/crops?

1. Groundnut
2. Sesamum
3. Pearl millet

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

Q48. When you travel in Himalayas, you will see the following: Which of the above can be said to be the evidence for Himalayas being young fold mountains?

1. Deep gorges
2. U-turn river courses
3. Parallel mountain ranges
4. Steep gradients causing land-sliding.

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

Q49. Normally, the temperature decreases with the increase in height from the Earth's surface, because Select the correct answer using the codes given below:

1. The atmosphere can be heated upwards only from the Earth's surface
2. There is more moisture in the upper atmosphere.
3. The air is less dense in the upper atmosphere.

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

Q50. The acidification of oceans is increasing. Why is this phenomenon a cause of concern: Which of the statements given above is/are correct?

1. The growth and survival of calcareous phytoplankton will be adversely affected.

2. The growth and survival of coral reefs will be adversely affected.
3. The survival of some animals that have phytoplanktonic larvae will be adversely affected.
4. The cloud seeding and formation of clouds will be adversely affected.

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

Q51. In India, other than ensuring that public funds are used efficiently and for intended purpose, what is the importance of the office of the Comptroller and Auditor General (CAG)? Which of the statements given above is/are correct?

1. CAG exercises exchequer control on behalf of the Parliament when the President of India declares national emergency/financial emergency.
2. CAG reports on the execution of projects or programmes by the ministries are discussed by the Public Accounts Committee.
3. Information from CAG reports can be used by investigating agencies to press charges against those who have violated the law while managing public finances.
4. While dealing with the audit and accounting of government companies, CAG has certain judicial powers for prosecuting those who violate the law.

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

Q52. The endeavour of 'Janani Suraksha Yojana' Programme is Which of the statements given above is/are correct?

1. To promote institutional deliveries.
2. To provide monetary assistance to the mother to meet the cost of delivery.
3. To provide for wage loss due to pregnancy and confinement.

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

Q53. The Prime Minister of India, at the time of his/her appointment:

(a) Need not necessarily be a member of one of the Houses of the Parliament but must become a member of one of the Houses within six months
(b) Need not necessarily be a member of one of the Houses of the Parliament but must become a member of the Lok Sabha within six months
(c) Must be a member of one of the Houses of the Parliament
(d) Must be a member of the Lok Sabha

Q54. Which reference to the Delimitation Commission, consider the following statements: Which of the statements given above is/are correct?

1. The orders of the Delimitation Commission cannot be challenged in a Court of Law.
2. When the orders of the Delimitation Commission are laid before the Lok Sabha or State Legislative Assembly, they cannot effect any modifications in the orders.

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

Q55. Consider the following: which of the above can have the 'Social Security' coverage under Employees' State Insurance Scheme?

1. Hotels and restaurants
2. Motor transport undertakings

3. Newspaper establishments
4. Private medical institutions The employees of

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

Q56. According to the Constitution of India, it is the duty of the President of India to cause to be laid before the Parliament which of the following? Select the correct answer using the codes given below:

1. The Recommendation of the Union Finance Commission.
2. The Report of the Public Accounts Committee.
3. The Report of the Comptroller and Auditor General.
4. The Report of the National Commission for Scheduled Castes.

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

Q57. A deadlock between the Lok Sabha and the Rajya Sabha calls for a joint sitting of the Parliament during the passage of Select the correct answer using the codes given below:

1. Ordinary Legislation
2. Money Bill
3. Constitution Amendment Bill

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

Q58. How do District Rural Development Agencies (DRDAs) help in the reduction of rural poverty in India? Which of the statements given above is/are correct?

1. DRDAs act as Panchayati Raj Institutions in certain specified backward regions of the country.
2. DRDAs undertake area-specific scientific study of the causes of poverty and malnutrition and prepare detailed remedial measures.
3. DRDAs secure inter-sectoral and inter- departmental coordination and cooperation for effective implementation of anti-poverty programmes.
4. DRDAs watch over and ensure effective utilization of the funds intended for anti-poverty programmes.

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

Q59. Which of the following is/are among the Fundamental Duties of citizens laid down in the Indian Constitution? Select the correct answer using the codes given below:

1. To preserve the rich heritage of our composite culture.
2. To protect the weaker sections from social injustice.
3. To develop the scientific temper and spirit of inquiry.
4. To strive towards excellence n all spheres of individual and collective activity.

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

Q60. What is the provision to safeguard the autonomy of the Supreme Court of India? Which of the statements given above is/are correct?

1. While appointment the Supreme Court Judges, the President of India has to consult the Chief Justice of India.

2. The Supreme Court Judges can be removed by the Chief Justice of India only.
3. The salaries of the Judges are charged on the Consolidated Fund of India to which the legislature does not have to vote.
4. All appointments of officers and staffs of the Supreme Court of India are made by the Government only after consulting the Chief Justice of India.

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

Q61. To meet its rapidly growing, energy demand, some opine that India should pursue research and development on thorium as the future fuel of nuclear energy. In this context, what advantage does thorium hold over uranium? Which of the statements given above is/are correct?

1. Thorium is far more abundant in nature than uranium.
2. On the basis of per unit mass of mined mineral, thorium can generate more energy compared to natural uranium.
3. Thorium produces less harmful waste compared to uranium.

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

Q62. The increasing amount of carbon dioxide in the air is slowly raising the temperature of the atmosphere, because it absorbs

(a) The water vapour of the air and retains its heat.
(b) The ultraviolet part of the solar radiation.
(c) All the solar radiations.
(d) The infrared part of the solar radiation.

Q63. Which one of the following sets of elements was primarily responsible for the origin of life on the Earth?

(a) Hydrogen, Oxygen, Sodium
(b) Carbon, Hydrogen, Nitrogen
(c) Oxygen, Calcium, Phosphorus
(d) Carbon, Hydrogen, Potassium

Q64. What are the reasons for the people's resistance to the introduction of Bt brinjal in India? Select the correct answer using the codes given below:

1. Bt brinjal has been created by inserting a gene from a soil fungus into its genome.
2. The seeds of Bt brinjal are terminator seeds and therefore, the farmers have to buy the seeds before every season from the seed companies.
3. There is an apprehension that the consumption of Bt brinjal may have adverse impact on health.
4. There is some concern that the introduction of Bt brinjal may have adverse effect on the biodiversity.

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

Q65. Other than resistance to pests, what are the prospects for which genetically engineered plants have been created? Select the correct answer using the codes given below:

1. To enable them to withstand drought.
2. To increase the nutritive value of the produce.
3. To enable them to grow and do photosynthesis in spaceships and space stations.
4. To increase their shelf life.

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

Q66. Consider the following statements: The most effective contribution made by Dadabhai Naoroji to the cause of Indian National Movement was that he Which of the statements given above is/are correct?

1. Exposed the economic exploitation of India by the British.
2. Interpreted the ancient Indian texts and restored the self-confidence of Indians.
3. Stressed the need for eradication of all the social evils before anything else.

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

Q67. With reference to Dhrupad, one of the major traditions of India that has been kept alive for centuries, which of the following statements are correct? Select the correct answer using the codes given below:

1. Dhrupad originated and developed in the Rajput kingdoms during the Mughal period.
2. Dhrupad is primarily a devotional and spiritual music.
3. Dhrupad Alap uses Sanskrit syllables from Mantras.

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

Q68. How do you distinguish between Kuchipudi and Bharatnatyam dances? Which of the statements given above is/are correct?

1. Dancers occasionally peaking dialogues is found in Kuchipudi dance but not in Bharatnatyam.
2. Dancing on the brass plate by keeping the feet on its edges is a feature of Bharatnatyam but Kuchipudi dance does not have such a form of movements.

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

Q69. With reference to the religious history of medieval India, the Sufi mystics were known to pursue which of the following practices? Select the correct answer using the codes given below:

1. Meditation and control of breath.
2. Severe ascetic exercises in a lonely place.
3. Recitation of holy songs to arouse a state of ecstasy in their audience.

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

Q70. The Rowlatt Act aimed at

(a) Compulsory economic support to war efforts
(b) Imprisonment without trial and summary procedures for trial
(c) Suppression of the Khilafat Movement.
(d) Imposition of restrictions on freedom of the press.

Q71. The Lahore Session of the Indian National Congress (1929) is very important in history, because Which of the statements given above is/are correct?

1. The Congress passed a resolution demanding complete independence.
2. The rift between the extremists and moderates was resolved in that Session.
3. A resolution was passed rejecting the two-nation theory in that Session

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

Q72. Lord Buddha's image is sometimes shown with the hand gesture called 'Bhumisparsha Mudra'. It symbolizes.

(a) Buddha's calling of the Earth to watch over Mara and to prevent Mara from disturbing his meditation.
(b) Buddha's calling of the Earth to witness his purity and chastity despite the temptations of Mara.
(c) Buddha's reminder to his followers that they all arise from the Earth and finally dissolve into the Earth, and thus this life is transitory.
(d) Both the statements (a) and (b) are correct in this context.

Q73. The religion of early Vedic Aryans was primarily of

(a) Bhakti
(b) Image worship and Yajnas
(c) Worship of nature and Yajnas
(d) Worship of nature and Bhakti

Q74. Which of the following statements is/are correct regarding Brahmo Samaj? Select the correct answer using the codes given below:

1. It opposed idolatory.
2. It denied the need for a priestly class for interpreting the religious texts.
3. It popularized the doctrine that the Vedas are infallible.

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

Q75. The Reserve Bank of India (RBI) acts as a bankers' bank. This would imply which of the following? Select the correct answer using the codes given below:

1. Other banks retain their deposits with the RBI.
2. The RBI lends funds to the commercial banks in times of need.
3. The RBI advises the commercial banks on monetary matters.

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

Q76. Under which of the following circumstances may 'capital gains' arise? Select the correct answer using the codes given below:

1. Under which of the following circumstances may 'capital gains' arise?
2. When there is a natural increase in the value of the property owned.
3. When you purchase a painting and there is a growth in its value due to increase in its popularity.

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

Q77. Which of the following measures would result in an increase in the money supply in the economy? Select the correct answer using the codes given below:

1. Purchase of government securities from the public by the Central Bank.
2. Deposit of currency in commercial banks by the public.
3. Borrowing by the government from the Central Bank.
4. Sale of government securities to the public by the Central Bank.

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

Q78. Which of the following would include Foreign Direct Investment in India? Select the correct answer using the codes given below:

1. Subsidiaries of foreign companies in India.
2. Majority foreign equity holding in Indian companies.
3. Companies exclusively financed by foreign companies.
4. Portfolio investment.

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

Q79. Consider the following statements: The price of any currency in international market is decided by the Which of the statements given above are correct?

1. World Bank
2. Demand for good/services provided by the country concerned
3. Stability of the government of the concerned country
4. Economic potential of the country in question.

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

Q80. The basic aid of Lead Bank Scheme is that

(a) Big banks should try to open offices in each district.
(b) There should be stiff competition among the various nationalized banks.
(c) Individual banks should adopt particular district for intensive development.
(d) All the banks should make intensive efforts to mobilize deposits.

Q81. Consider the following: Which of the above was/were introduced into India by the English?

1. Assessment of land revenue on the basis of nature of the soil and the quality of crops.
2. Use of mobile cannons in warfare.
3. Cultivation of tobacco and red chillies.

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

Q82. With reference to the guilds (Shreni) of ancient India that played a very important role in the country's economy, which of the following statements is/are correct? Select the correct answer using the codes given below:

1. Every guild was registered with the central authority of the State and the king was the chief administrative authority on them.
2. The wages, rules of work, standards and prices were fixed by the guild.
3. The guild had judicial powers over its own members.

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

Q83. The distribution of powers between the Centre and the States in the Indian Constitution is based on the scheme provided in the

(a) Morley-Minto Reforms, 1909
(b) Montagu- Chelmsford Act, 1919
(c) Government of India Act, 1935
(d) Indian Independence Act, 1947

Q84. Despite having large reserves of coal, why does India import millions of tones of coal? Which of the statements given above is/are correct?

1. It is the policy of India to save its own coal reserves for future, and import it from other countries for the present use.
2. Most of the power plants in India are coal-based and they are not able to get sufficient supplies of coal from within the country.
3. Steel companies need large quantity of coking coal which has to be imported.

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

Q85. A person stood alone in a desert on a dark night and wanted to reach his village which was situated 5 km east of the point where he was standing. He had no instruments to find the direction but he located the polestar. The most convenient way now to reach his village is to walk in the

(a) direction facing the polestar
(b) direction opposite to the polestar
(c) direction keeping the polestar to his left
(d) direction keeping the polestar to his right

Q86. Recently, there has been a concern over the short supply of a group of elements called 'rare earth metals'. Why? Which of the statements given above is/are correct?

1. China, which is the largest producer of these elements, has imposed some restrictions on their export.
2. Other than China, Australia, Canada and Chile, these elements are not found in any country.
3. Rare earth metals are essential for the manufacture of various kinds of electronic items and there is a growing demand for these elements.

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

Q87. Consider the following protected areas: Which of the above are declared Tiger Reserves?

1. Bandipur
2. Bhitarkanika
3. Manas
4. Sunderbans

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

Q88. Consider the following statements: Which of the statements given above is/are correct?

1. The duration of the monsoon decreases from southern India to northern India.
2. The amount of annual rainfall in the northern plains of India decreases from east to west.

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

Q89. Which one of the following is the characteristic climate of the Tropical Savannah Region?

(a) Rainfall throughout the year
(b) Rainfall in winter only
(c) An extremely short dry season
(d) A definite dry and wet season

Q90. In which one among the following categories of protected areas in India are local people not allowed to collect and use the biomass?

(a) Biosphere Reserves
(b) National Parks
(c) Wetlands declared under Ramsar Convention
(d) Wildlife Sanctuaries

Q91. Consider the following kinds of organisms: Which of the above is/are pollinating agent/agents?

1. Bat
2. Bee
3. Bird

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

Q92. Which one of the following groups of animals belongs to the category of endangered species?

(a) Great Indian Bustard, Musk Deer, Red Panda and Asiatic Wild Ass
(b) Kashmir Stag, Cheetal, Blue Bull and Great Indian Bustard
(c) Snow Leopard, Swamp Deer, Rhesus Monkey and Saras (Crane)
(d) Lion-tailed Macaque, Blue Bull, Hanuman Langur and Cheetal

Q93. Consider the following statements: If there were no phenomenon of capillarity Which of the statements given above are correct?

1. It would be difficult to use a kerosene lamp.
2. One would not be able to use a straw to consumer a soft drink.
3. The blotting paper would fail to function.
4. The big trees that we see around would not have grown on the Earth.

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

Q94. The Millennium Ecosystem Assessment describes the following major categories of ecosystem services—provisioning, supporting, regulating, preserving and cultural. Which one of the following is supporting service?

(a) Production of food and water
(b) Control of climate and disease
(c) Nutrient cycling and crop pollination
(d) Maintenance of diversity

Q95. What is the difference between the antelopes Oryx and Chiru?

(a) Oryx is adapted to live in hot and arid areas whereas Chiru is adapted to live in steppes and semi-desert areas of cold high mountains.
(b) Oryx is poached for its antlers whereas Chiru is poached for its musk.
(c) Oryx exists in western India only whereas Chiru exists in north-east India only.
(d) None of the statements (a), (b) and (c) given above is correct.

Q96. Which of the following can be threats to the biodiversity of a geographical area? Select the correct answer using the codes given below:

1. Global warming
2. Fragmentation of habitat
3. Invasion of alien species
4. Promotion of vegetarianism

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

Q97. Consider the following: Which of the above are naturally found in India?

1. Black-necked crane
2. Cheetah
3. Flying squirrel
4. Snow leopard

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

Q98. Consider the following agricultural practices: which of the above helps/help in carbon sequestration/storage in the soil?

1. Contour bunding
2. Relay cropping
3. Zero tillage In the context of global climate change,

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

Q99. What would happen if phytoplankton of an ocean is completely destroyed for some reason? Select the correct answer using the codes given below:

1. The ocean as a carbon sink would be adversely affected.
2. The food chains in the ocean would be adversely affected.
3. The density of ocean water would drastically decrease.

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

Q100. Vultures which used to be very common in Indian countryside some years ago are rarely seen nowadays. This is attributed to

(a) The destruction of their nesting sites by new invasive species.
(b) A drug used by cattle owners for treating their diseased cattle.
(c) Scarcity of food available to them.
(d) A widespread, persistent and fatal disease among them. ll ooff QQuueessttiioonn ccuulltt iiuumm

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Verified Answer Key — UPSC CSE Prelims 2012 — General Studies Paper 1

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

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