

CDS General Knowledge Practice Set

Section	Questions	Marks	Time	-Ve
GK	120	100	2 hrs	1/3

Q1. According to the International Union for Conservation of Nature and Natural Resources, the number of extinction of species documented between 1500 and 2009, have been :

- (a) 754
- (b) 875
- (c) 917
- (d) 679

Q2. The greatest threat to the worlds coral reef systems emanates from:

- (a) UV light band
- (b) Starvation caused by decline in zooplankton
- (c) Cyanide fishing
- (d) More frequent coral bleaching

Q3. Which of the following statements are true?

1. Cambrian explosion precedes Phanerozoic Eon.
 2. Cambrian explosion is also called Cambrian radiation
 3. Cambrian explosion was marked by rapid appearance of major phyla
 4. A single landmass known as Pangaea was formed following Cambrian explosion.
- (a) 1,2
 - (b) 2,3
 - (c) 1,2, 3
 - (d) 2,3,4

Q4. The Red List of Threatened Plants and Animals includes

- (a) All extant species
- (b) Critically endangered species.
- (c) Endangered species
- (d) Vulnerable species

The correct response is

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

Q5. The tracking of people by trained dogs is based on the recognition of which of the following compounds in the sweat from feet?

- (a) Carboxylic acids

- (b) Uric acid
- (c) Sugar
- (d) Salt

Q6. Which one of the following is the softest?

- (a) Sodium
- (b) Aluminium
- (c) Iron
- (d) Copper

Q7. Which one of the following petroleum refinery products has the lowest boiling point?

- (a) Kerosene
- (b) Diesel
- (c) Gasoline
- (d) Lubricating oil

Q8. Consider the following statements regarding the properties and uses of glass wool.

- I. Glass wool has tensile strength greater than steel.
 - II. Glass wool is fire proof.
 - III. Glass wool has high electrical conductivity and absorbs moisture.
 - IV. Glass wool is used to prepare fibre glass.
- Which of the statements given above are correct?
- (a) I and II
 - (b) I, II and IV
 - (c) II and IV
 - (d) I, III and IV

Q9. A close bottle containing water at room temperature was taken to the Moon and then the lid is opened. The water will

- (a) freeze
- (b) boil
- (c) decompose into oxygen and hydrogen
- (d) not change at all

Q10. Vermicompost is an/a

- (a) inorganic fertilizer
- (b) toxic substance
- (c) organic bio fertilizer
- (d) synthetic fertilizer

Q11. Which one among the following gases readily combines with the haemoglobin of the blood?

- (a) Methane
- (b) Nitrogen dioxide
- (c) Carbon monoxide
- (d) Sulphur dioxide

Q12. Iron sheet kept in moist air covered with rust. Rust is

- (a) an element
- (b) a compound
- (c) a mixture of iron and dust
- (d) a mixture of iron, oxygen and water

Q13. Which of the following is not correct about Baking Soda?

- (a) It is used in soda acid fire extinguisher
- (b) It is added for faster cooking.
- (c) It is a corrosive base
- (d) It neutralizes excess acid in the stomach

Q14. Catenation is the process of

- (a) formation of cations
- (b) deposition of cations
- (c) formation of long chains of identical atoms
- (d) formation of covalent bonds

Q15. Cocaine is isolated from

- (a) opium
- (b) cocoa
- (c) cumin
- (d) pepper

Q16. Portland cement is primarily made from

- 1.limestone.
 - 2.certain clay minerals.
 - 3.gypsum.
 - 4.silica.
- The correct statement(s) is/are
- (a) 1 and 2 only
 - (b) 1, 2 and 4 only
 - (c) 1,2, 3 and 4
 - (d) 1,2 and 3 only

Q17. What would be the best choice for window material to keep the outside heat away?

- (a) Single-pane glass
- (b) Double-pane glass without a gap in between
- (c) Double-pane glass with water filled in between
- (d) Double-pane glass with air in between

Q18. Hair of a shaving brush cling together when the brush is removed from water due to

- (a) viscosity
- (b) surface tension
- (c) friction
- (d) elasticity

Q19. Half portion of a rectangular piece of ice is wrapped with a white piece of cloth while the other half with a black one. In this

context, which one among the following statements is correct?

- (a) Ice melts more easily under black wrap
- (b) Ice melts more easily under white wrap
- (c) No ice melts at all under the black wrap
- (d) No ice melts at all under the white wrap

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Q20. In SONAR, we use

- (a) ultrasonic waves
- (b) infrasonic waves
- (c) radio waves
- (d) audible sound waves

Q21. The gas used in a refrigerator is

- (a) cooled down on flowing
- (b) heated up on flowing
- (c) cooled down when compressed
- (d) cooled down when expanded

Q22. Two layers of a cloth of equal thickness provide warmer covering than a single layre of cloth with double the thickness. Why?

- (a) Because of the air encapsulated between two layers
- (b) Since effective thickness of two layers is more
- (c) Fabric of the cloth plays the role
- (d) Weaving of the cloth plays the role

Q23. In respect of the difference of the gravitational force from electric and magnetic forces, which one of the following statements is true?

- (a) Gravitational force is stronger than the other two.
- (b) Gravitational force is attractive only, whereas the electric and the magnetic forces are attractive as well as repulsive.
- (c) Gravitational force has a very short range.
- (d) Gravitational force is a long range force, while the other two are short range forces.

Q24. Given below are two statements, one labeled as Assertion (A) and the other labeled as Reason (R):

Assertion (A) : When heat is supplied continuously to a substance, its temperature does not rise continuously.

Reason (R): During change of state, the temperature of a substance remains constant. In the context of the above two

statements, which one of the following is correct ?

- (a) Both A and R are true and R is the correct explanation of A.
- (b) Both A and R are true but R is not the correct explanation of A.
- (c) A is true but R is false.
- (d) A is false but R is true.

Q25. In a stable nucleus the electrostatic force between protons

- (a) Is equal to the nuclear force between them
- (b) Is stronger than the nuclear force
- (c) Is weaker than the nuclear force
- (d) Does not exist

Q26. If the density of ice is 0.9 gm-^{-3} and that of sea water is 1.1 gm-^{-3} , what portion of an iceberg would be visible above the surface of water?

- (a) $2/11$
- (b) $2/9$
- (c) $1/11$
- (d) $9/11$

Q27. Which one of the following scholars suggested the earth's origin from gases and dust particles?

- (a) James Jeans
- (b) H. Alfven
- (c) F. Hoyle
- (d) O. Schmidt

Q28. 18 carat gold is:

- (a) 50% gold and 50% impurity
- (b) 75% gold and 25% impurity
- (c) 100% gold
- (d) 60% gold and 40% impurity

Q29. Who among the following was never a Deputy Prime Minister of India?

- (a) Devi Lal
- (b) GL Nanda
- (c) LK Advani
- (d) YB Chavan

Q30. Financial distribution between the Union and the State takes place on the basis of the recommendations of which one of the following?

- (a) The National Development Council
- (b) The Inter-State Council
- (c) The Planning Commission
- (d) The Finance Commission

Q31. With reference to the Constitution of India, which one of the following pairs is not correctly matched Subject **List**

- (a) Stock Exchanges The State **List**
- (b) Forest The Concurrent **List**
- (c) Insurance The Union **List**
- (d) Marriage and Divorce The Concurrent **List**

Q32. Which one of the following is not a correct description of the Directive Principles of State Policy?

- (a) Directive Principles are not enforceable by the courts
- (b) Directive Principles have a political sanction
- (c) Directive Principles are declaration of objective for State Legislation
- (d) Directive Principles promise equal income and free health care for all Indians

Q33. The Constitution (74th) Amendment Act makes mention of the

- (a) composition of the National Development Council
- (b) structure of the Planning Commission of India
- (c) functions of the State Finance Commission
- (d) functions of the Kaveri Water Authority

Q34. DIRECTIONS : The following questions are based on the following passage. A government in a democratic country has to respond to ongoing priorities in public criticism and political reproach and to the threats to survival it has to face. The removal of long standing deprivations of the disadvantaged people of our country may, in effect, be hampered by the biases in political pressure, in particular when the bulk of the social agitation is dominated by new problems that generate immediate and noisy discontent among the middle class Indians with a voice. If the politically active threats are concentrated only on some specific new issues, no matter how important (such as high prices of consumer goods for the relatively rich, or the fear that India's political sovereignty might be compromised by its nuclear deal with the USA), rather than on the terrible general inheritance of India of acute deprivation, deficient schooling, lack of medical attention for the poor and extraordinary under nourishment (especially of children and also of young women), then the pressure on democratic governance acts relentlessly towards giving priority to only

those particular new issues rather than to the gigantic persistent deprivations that are at the root of so much inequity and injustice in India. The perspective of realisation of justice and that of an adequately broad *nyaya* are central not only to the theory of justice, but also to the practice of democracy.

Which one of the following statements regarding judiciary in India is not correct?

- (a) District Courts in India are presided over by a Judge
- (b) The District and Session Judge is the principal court of civil jurisdiction
- (c) The Munsiff's Court has both civil and criminal jurisdiction
- (d) The District and Session Judge has the power to impose capital punishment

Q35. Which of the following features is/are contrary to the norms of a federal polity?

1. Common All India Service
 2. Single integrated judiciary
- Select the correct answer using the codes given below
- (a) Only 1
 - (b) Only 2
 - (c) Both 1 and 2
 - (d) Neither 1 nor 2

Q36. Which of the following are envisaged as being part of the 'Right against Exploitation' in the Constitution of India?

1. Prohibition of traffic in human beings and forced labour.
 2. Abolition of untouchability.
 3. Protection of the interests of the minorities.
 4. Prohibition of employment of children in factories and mines.
- Select the correct answer using the codes given below
- (a) 1 and 2
 - (b) 1 and 3
 - (c) 1 and 4
 - (d) 2, 3 and 4

Q37. Which among the following conditions are necessary for the issue of writ of *quo warranto*?

1. The office must be public and must be created by a Statute or by the constitution itself.
2. The office must be a substantive one and not merely the function or employment of a servant at the will and during the pleasure of another.
3. There has been a contravention of the Constitution or a Statute or Statutory

Instrument, in appointing such person to that office. Select the correct answer using the codes given below

- (a) 1 and 2
- (b) 1 and 3
- (c) 2 and 3
- (d) All of these

Q38. Which one among the following statements about the functioning of political parties in a democracy is not correct?

- (a) Political parties give political education to the people
- (b) Political parties serve as a link between the government and the people
- (c) Political parties fight elections and try to get the maximum number of their candidates elected
- (d) None of the above

Q39. The Government of India Act, 1919

1. Established a bicameral legislature at the centre.
 2. Introduced dyarchy in the provincial executive.
 3. Introduced a Federal System of Government in India.
- Select the correct answer using the codes given below
- (a) 1 and 3
 - (b) 2 and 3
 - (c) 1,2 and 3
 - (d) 1 and 2

Q40. Political theory

1. deals with the ideas and principles that shape Constitutions.
 2. clarifies the meaning of freedom, equality and justice.
 3. probes the significance of principles of rule of law, separation of power and judicial review.
- Select the correct answer using the codes given below
- (a) 1 and 2
 - (b) Only 1
 - (c) 2 and 3
 - (d) All of these

Q41. Match the following

List I (Person) **List II** (Role in making of the Constitution of India)

- A. Rajendra Prasad -1. Member. Drafting Committee
- B. T T Krishnamachari -2. Chairman. Constituent Assembly
- C. H C Mukherjee -3. Chairman. Drafting Committee

D. B R Ambedkar - 4. Vice Chairman.
Constituent Assembly Codes A B C D A B C D
(a) 2 1 4 3
(b) 2 4 1 3
(c) 3 4 1 2
(d) 3 1 4 2

Q42. Parliamentary Democracy is one where
1. a balance of popular participation and elite rule takes place
2. the government is responsible not to the public but to the elected representatives.
3. the parliamentarians are delegated the responsibility of thinking and acting on behalf of their constituents. Select the correct answer using the code given below:
(a) 1, 2 and 3
(b) 2 and 3 only
(c) 1 and 3 only
(d) 2 only

Q43. The children's population (below 18 years) is as high as 41% of the total population in India. The Integrated Child Development Programme does not seek to fulfill one of the following for the children:
(a) nutritional food
(b) health care
(c) over-all child development
(d) primary education

Q44. The 73rd Amendment provided for a Finance Commission to review the financial position of the Panchayats. This Commission is appointed by
(a) The President
(b) The Governor
(c) The Union Finance Minister
(d) The Comptroller and Auditor General

Q45. Which one of the following causes the chikungunya disease?
(a) Bacteria
(b) Helminthic worm
(c) Protozoan
(d) Virus

Q46. Which one among the following kinds of organisms resides in the roots of pulse plants to do nitrogen fixation?
(a) Bacteria
(b) Fungi
(c) Protozoa
(d) Virus

Q47. Which chamber of human heart pumps fully oxygenated blood to aorta and thence to the body?
(a) Right auricle
(b) Left auricle
(c) Right ventricle
(d) Left ventricle

Q48. Which one of the following is a free-living bacterium that helps in nitrogen fixation in soil?
(a) Azotobacter
(b) Anabaena
(c) Azolla
(d) Nostoc

Q49. Quinine is a drug used in the treatment of malaria. From which part of the plant it is obtained?
(a) Roots
(b) Stem
(c) Bark
(d) Leaves

Q50. Consider the following statements
1. A person with myopia can see distant objects distinctly but cannot see nearby objects clearly.
2. A person with hypermetropia cannot see distant objects clearly.
3. A person with presbyopia can see nearby objects without corrective glasses. Which of the statements given above is/are not correct?
(a) 1, 2 and 3
(b) 1 and 2
(c) 1 and 3
(d) Only 3

Q51. Which among the following is the correct increasing order of pH found in human body?
(a) Gastric juice, saliva, blood
(b) Blood, saliva, gastric juice
(c) Saliva, blood, gastric juice
(d) Gastric juice, blood, saliva

Q52. When we eat something we like, our mouth waters. This is actually not water but fluid secreted from
(a) nasal glands
(b) oval epithelium
(c) salivary glands
(d) tongue

Q53. The crew and passengers of a flying aircraft suffer generally from chronic obstructive pulmonary disease due to the effect of

- (a) solar radiation
- (b) ozone concentration
- (c) nitrogen oxide
- (d) particulate pollutant

Q54. Which one of the following elements is present in green pigment of leaf?

- (a) Magnesium
- (b) Phosphorus
- (c) Iron
- (d) Calcium

Q55. Which one of the following types of pesticides is convenient to control stored grain pests?

- (a) Systemic pesticides
- (b) Fumigants
- (c) Contact poisons
- (d) Stomach poisons

Q56. Which one of the following vitamins is abundant in guava fruits?

- (a) Vitamin-A
- (b) Vitamin-B12
- (c) Vitamin-C
- (d) Vitamin-D

Q57. By which one of the following years does the 11th Five Year Plan aim at achieving 10% rural tele-density in India from the present 1.9%?

- (a) 2009
- (b) 2010
- (c) 2011
- (d) 2012

Q58. Which of the following statements is/are correct?

1. If a country is experiencing increase in its per capita GDP, its GDP must necessarily be growing.

2. If a country is experiencing negative inflation its GDP must be decreasing. Select the correct answer using the

codes given below

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

Q59. Which of the following institutions was/were asked by the Government of India

to provide official estimates of black (unaccounted) money held by Indians, both in India and abroad?

1. National Institute of Public Finance and Policy.
2. National Council of Applied Economic Research.
3. National Institute of Financial Management. Select the correct answer using the codes given below

- (a) Only 1
- (b) 1 and 2
- (c) 2 and 3
- (d) All of these

Q60. The effect of a government surplus upon the equilibrium level of NNP [Net National Product] is substantially the same as

- (a) an increase in investment
- (b) an increase in consumption
- (c) an increase in saving
- (d) a decrease in saving

Q61. Which one among the following pairs is not correctly matched?

- (a) When total product: Marginal increases at an product increasing rate increases
- (b) When total product: Marginal increases at a product diminishing rate, declines
- (c) When total product: Marginal reaches its product maximum becomes zero
- (d) When total product: Marginal begins to decline product becomes positive

Q62. Command Area Development Programme was launched to:

- (a) ensure that land is given to the tillers
- (b) ensure better utilization of irrigation potential
- (c) development of land under the Army's command
- (d) poverty alleviation in selected areas

Q63. According to WTO for agricultural commodities which are not significantly imported, a minimum market access of % of consumption demand has to be given by developing countries.

- (a) 1
- (b) 2
- (c) 3
- (d) 5

Q64. Which one of the following taxes is not shared by the central government with the states?

- (a) Union excise duties
- (b) Customs duty
- (c) Income tax
- (d) Estate duty

Q65. The most significant economic consequence of the graying of the Indian population in the decades to come, will be

- (a) fall in the growth of population
- (b) reverse flow of wealth from children to parents
- (c) a decline in the demand for maternity facilities
- (d) the need for redesigning apartment buildings

Q66. Which of the following is not a function of the Securities and Exchange Board of India (SEBI)?

- (a) Supervising the working of the Stock Exchanges
- (b) Underwriting new capital issues
- (c) Regulating merchant banks and mutual funds
- (d) Promoting the development of a healthy capital market

Q67. Aggregate Measure of Support (AMS) in the context of WTO refers to:

- (a) the minimum support price guaranteed to the farmers
- (b) the quantum of subsidy given to the agricultural sector
- (c) the issue price of paddy and wheat
- (d) insurance cover for crops

Q68. In India, monetization of the fiscal deficit is achieved through:

- (a) reducing public expenditure
- (b) printing new currency notes
- (c) increasing interest rates
- (d) borrowing by the government

Q69. Arrange the following in correct chronological order

1. Third Carnatic War
 2. First Burmese War
 3. First Mysore War
 4. Second Afghan War
- Codes:
- (a) 1, 4, 3, 2
 - (b) 1, 3, 2, 4
 - (c) 2, 4, 1, 3
 - (d) 3, 1, 2, 4

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Q70. Who among the following was the founder of the Muslim League?

- (a) Muhammad Ali Jinnah
- (b) Shaukat Ali
- (c) Nawab Salimullah
- (d) Aga Khan

Q71. Who among the following was not a member of the Constituent Assembly?

- (a) Sardar Vallabhbhai Patel
- (b) Acharya JB Kriplani
- (c) Lok Nayak Jayprakash
- (d) K M Munshi

Q72. Which one of the following statement about Brihadeswara temple at Tanjavur, is not correct?

- (a) The temple is a splendid example of Chola architecture
- (b) It was built by emperor Rajaraja
- (c) The temple is constructed of granite
- (d) The temple is a monument dedicated to Lord Vishnu

Q73. Which one of the following statements related to the Boston Tea Party on December 16, 1773 during the American War of Independence is correct?

- (a) The revolutionaries stealthily entered into the ships and threw all the chests of tea into the water
- (b) The revolutionaries hosted a Tea Party in the honour of Charles Townshend, the British Chancellor of the Exchequer in order to place their grievances before him
- (c) It marked a celebration when Lord North, the successor of Townshend, repealed some of the duties imposed by Townshend
- (d) It was a protest against the Quebec Act

Q74. Consider the following events in the history of British India

1. Santhal Rebellion
 2. Indigo Revolt
 3. Sanyasi and Fakir Rebellion
 4. Birsa Munda Rebellion
- Which one of the following is a correct chronological sequence of the above events starting with the earliest?
- (a) 3, 2, 1, 4
 - (b) 1, 4, 2, 3

- (c) 3, 1, 2, 4
(d) 2, 1, 4, 3

Q75. Statement I: Gandhiji failed to realise that the Khilafat was an extra-territorial issue. Statement II: The cause of Khilafat was discredited by 1923, as Mustafa Kamal Pasha set-up a secular republican Government in Turkey.

- (a)
(b)
(c)
(d)

Q76. The Constituent Assembly of India was chosen on the basis of the provincial elections of 1946. With the withdrawal of the Muslim League from the Constituent Assembly, it turned out that majority of the assembly members were also members of the Congress. Under that circumstance, how was the Constituent Assembly given a broader social basis?

- (a) By nominating independent members from various minority groups
(b) By nominating independent members from various caste and religious groups
(c) By nominating independent members of different castes, religious groups and women and also by taking in representatives of the princely states and asking for written submission from the public at large
(d) By taking in representatives of the princely states and asking for written submission from the public at large

Q77. The Name of Ram Prasad Bismil is associated with

- (a) Kanpur Conspiracy Case
(b) Alipore Conspiracy Case
(c) Kakori Conspiracy Case
(d) Meerut Conspiracy Case

Q78. The suppression of Indian language newspapers under the Vernacular Press Act of 1878 was caused by the criticism of

- (a) lavish lifestyle of the English officials
(b) ill-treatment given to Indigo workers by their English masters
(c) inhuman approach of English officials towards the victims of the famine of 1876-77
(d) misuse of religious places of India by English officials

Q79. Which one among the following is not a function of Mir Bakshi, the Head of the

Military Department as well as of the nobility under Mughal rule?

- (a) He made recommendations for appointment to Mansabs to the emperor
(b) He collected reports of intelligence and information agencies of the empire and presented them to the emperor at the court
(c) He was responsible for all incomes and expenditures and held control over Khalisa, Jagir and Inam lands
(d) He was responsible for the security of foreign travellers on the highways of the empire

Q80. Several socio-political organisations were formed in the 19th and 20th centuries in India, Anjuman-e-Khawatin-e-Islam founded in the year 1914 was

- (a) All India Muslim Ladies Conference
(b) A radical wing of the All India Muslim League
(c) All India Muslim Student's Conference
(d) All India Islamic Conference

Q81. Statement I: In India tribal movements of 19th century resulted out of the process of land displacements and the introduction of forest laws. Statement II: The Indian national movement resolved the problems faced by the tribals.

- (a) Both the statements are true and Statement II is the correct explanation of Statement I
(b) Both the statements are true, but Statement II is not the correct explanation of Statement I.
(c) Statement I is true, but Statement II is false.
(d) Statement I is false, but Statement II is true.

Q82. Consider the following statements

1. Battle of Buxar provided the key to the English to establish their rule in India.
2. The Treaty of Allahabad, concluded in 1765, enabled the British to establish their rule in Bengal. Which of the statements given above is/are correct?

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

Q83. Which of the statements given below about the Mughal rule in India is false?

- (a) Peasant communities were a united and homogeneous group
 (b) There was an abundance of food grain
 (c) The State encouraged these crops that brought in more revenue
 (d) Most regions produced two crops in a year

Q84. Which of the following statements about the social reformer, Raja Rammohun Roy, is false?

- (a) Rammohun Roy belonged to the gentry class whose power had been diminished because of the imposition of the Permanent Settlement.
 (b) He studied both Vedantic Monism and Christian Unitarianism.
 (c) He translated the Upanishads into Bengali.
 (d) His first organization was the Atmiya Sabha, founded in Calcutta in 1815.

Q85. Match the following

List I List II

- A. State - 1. Igneous rock
 B. Lignite - 2. Metamorphic rock
 C. Bauxite - 3. Non-ferrous mineral
 D. Granite - 4. Sedimentary rock

Codes A B C D

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

Q86. Match the following **List I River List II**
 Tributary

- A. Brahmaputra - 1. Musi
 B. Krishna - 2. Tawa
 C. Narmada - 3. Bhavani
 D. Cauveri - 4. Dikhow

Codes A B C D

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

Q87. Consider the following **statements**

1. National parks are a special category of protected areas of land and sea coasts where people are an integral part of the system.
 2. Sanctuaries are concerned with conservation of particular species.
 3. Biosphere reserves are connected with the habitat of a particular wild animal. Which of the statements given above is/are correct?
- (a) 1,2 and 3
 (b) Only 2

- (c) 1 and 2
 (d) 1 and 3

Q88. What is the name of the strait where 'Adams bridge' is situated?

- (a) Bering Strait
 (b) Cook Strait
 (c) Palk Strait
 (d) Taiwan Strait

Q89. Deltas are common in India for the East-flowing river systems, whereas they are nearly absent on the West coast, because West-flowing rivers

- (a) are few
 (b) have lesser water volume and carry less run-off silt
 (c) originate in dry areas
 (d) originate largely in the Western Ghats and have short distance to cover to the sea

Q90. Which one of the following is not associated with monsoon climate in India?

- (a) El Nino temporary warm currents
 (b) South-equatorial warm currents of Indian Ocean
 (c) Western disturbances
 (d) Cyclones of Bay of Bengal

Q91. Which one among the following is not a Baltic nation?

- (a) Latvia
 (b) Slovakia
 (c) Lithuania
 (d) Estonia

Q92. Most of the communication satellites today are placed in a geostationary orbit. In order to stay over the same spot on the Earth, a geostationary satellite has to be directly above the

- (a) Tropic of Cancer
 (b) Either North or South Pole
 (c) Equator
 (d) Tropic of Capricorn

Q93. The Vindhyan system of rocks is important for the production of

- (a) precious stones and building materials
 (b) iron ore and manganese
 (c) bauxite and mica
 (d) copper and uranium

Q94. When we consider 15° meridian on a world map or globe and count them in an Eastward direction starting with Greenwich

meridian (0°), we find that the time of this meridian is

- (a) same as Greenwich
- (b) 1 hour fast
- (c) 1 hour slow
- (d) 12 hours fast

Q95. The distance between two consecutive longitudes (91°E and 92°E) at the Poles is

- (a) 0 km
- (b) 18 km
- (c) 25 km
- (d) 111 km

Q96. Which one among the following sequences of water bodies, from lower to higher salinity concentration, is correct?

- (a) Gulf of California-Baltic Sea-Red Sea-Arctic sea
- (b) Baltic Sea-Arctic Sea-Gulf of California-Red Sea
- (c) Red Sea-Gulf of California-Arctic Sea-Baltic Sea
- (d) Arctic Sea-Gulf of California-Baltic Sea-Red Sea

Q97. Consider the following diagram North Pole Horse Latitude A Polar High Pressure Belts South Pole In the diagram given above, what does A denote?

- (a) Doldrums
- (b) Trade winds
- (c) Westerlies
- (d) Easterlies

Q98. Which one among the following is called terrestrial planet?

- (a) Mercury
- (b) Jupiter
- (c) saturn
- (d) Uranus

Q99. Nearly 30% of the solar radiations return back to the space without contributing anything to the Earth's surface temperature. This amount of radiation is known as

- (a) Black body
- (b) tropopause
- (c) Earth's albedo
- (d) mesopause

Q100. Which one among the following states does not form part of the Narmada basin?

- (a) Madhya Pradesh
- (b) Gujrat
- (c) Rajasthan

(d) Maharashtra

Q101. Which one of the following dams is constructed across Krishna River?

- (a) Ukai Dam
- (b) Krishna Sagar Dam
- (c) Srisaillam Dam
- (d) Mettur Dam

Q102. A typical black hole is always specified by

- (a) a (curvature) singularity
- (b) a horizon
- (c) either a (curvature) singularity or a horizon
- (d) a charge

Q103. Which one of the following is a programme that converts high level language to machine language?

- (a) Linker
- (b) Assembler
- (c) Interpreter
- (d) Compiler

Q104. What does Fuwa, the official Mascot of the 2008 Olympic Games, contain?

- (a) Four popular animals of China and the Olympic Flame
- (b) Five popular animals of China and the map of China
- (c) Five popular animals of China
- (d) Four popular animals of China and the world map

Q105. Consider the following statements about environmental concerns in history

1. In the Indian Ocean region, early French and British scientists pondered over possible linkages of deforestation, the wholesale denuding of the native tree cover and the cycles of water replenishment.
2. In the USA, there were similar fears by the late 19th century.
3. There was hardly any environmental concerns in the past about wider global impacts of the way resources were used.

Which of the statements given above is/are correct?

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

Q106. Consider the following statements about Noble Prize [2009-II]

1. It is never awarded posthumously.
2. Nobel Prize in Economics is given since 1901. Which of the statements given above is/are correct?

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

Q107. Which one of the following states has seen a series of strong public protests against the Armed Forces Special Powers Act in force in that state?

- (a) Nagaland
- (b) Manipur
- (c) Jammu and Kashmir
- (d) Jharkhand

Q108. In the month of October 2009, the Indian Air Force in Mumbai airport forced a flight on North American Airlines Boeing 767 to land. Which of the following statements in this respect is/are correct?

1. It was forced to land, because the Indian Air Force was reported that there was a bomb planted in the plane.

2. The plane was travelling to Bangkok, Thailand from Fujiriah, United Arab Emirates.

3. The plane was carrying US troops. Select the correct answer using the codes given below:

- (a) 2 and 3
- (b) 1 and 3
- (c) Only 2
- (d) All of these

Q109. Which one of the following Indian company has recently acquired African mobile service operation in fifteen countries from Zain?

- (a) Bharti-Airtel
- (b) Tata Teleservices
- (c) Reliance Communications
- (d) Bharat Sanchar Nigam Limited

Q110. Statement I India receives the highest share of FDI inflow from Mauritius.

Statement II There is Double Taxation Avoidance agreement between India and Mauritius.

Codes

- (a) Both the statements are individually true and Statement II is the correct explanation of Statement I

(b) Both the statements are individually true, but Statement II is not the correct explanation of statement I

(c) Statement I is true, but Statement II is false

(d) Statement I is false, but Statement II is true

Q111. Why is Switzerland unable to join European Union (EU) till date (2010) despite its government's persistent effort to do so?

(a) Few EU countries like France and Germany are opposed to Switzerland's joining the Union

(b) The Swiss people continue to vote against joining the EU as they do not want to lose Switzerland's sovereignty

(c) EU rejected Switzerland's application as Swiss Government did not agree to use Euro as currency

(d) All of the above

Q112. In the case of the nuclear disaster which of the following options for cooling the nuclear reactors may be adopted?

1. Pumping of water to the reactors.

2. Use of boric acid.

3. Taking out the fuel rods and keeping them in a cooling pond. Select the correct answer using the codes given below

- (a) Only 3
- (b) 1 and 2
- (c) 2 and 3
- (d) All of these

Q113. The year 2011 was the centenary year for which one among the following policy-making bodies of the Government of India in scientific research and development?

- (a) ISRO
- (b) ICAR
- (c) ICMR
- (d) CSIR

Q114. Which among the following countries has recently decided to give grant of US\$ 1 billion for reconstruction of Nalanda University?

- (a) USA
- (b) China
- (c) UK
- (d) Japan

Q115. The year 2002 Code of Conduct related to territorial and maritime dispute in

best choice because air is the bad conductor of heat.

18. When brush is taken out, the water film is formed between the hairs and they contract due to surface tension.

19. Ice under black wrap will melt easily because dark colour (black) absorbs the most of light energy falling on it.

20. Sonar (sound navigation and ranging) is a technique that uses sound propagation to navigate (usually under water, as in submarine navigation), communicate with or detect objects on or under the surface of the water, such as the vessels as ultrasonic waves which is used having very high frequency > 20,000 Hz.

21. In a refrigerator gas is allowed to expanded suddenly (adiabatically) from high to low pressure. This cools it.

22. Two layers of a cloth are warmer because air trapped between the layers acts as thermal insulator restricting the heat transfer.

23. Gravitational force is attractive only whereas the electric and magnetic forces are attractive as well as repulsive.

24.

25.

26.

27.

28.

29.

30. The Finance Commission is constituted by the President under article 280 of the Constitution, mainly to give its recommendations on distribution of tax revenues between the Union and the States and amongst the States themselves.

31. Stock Exchange is the subject of union list.

32. The Directive Principles of State Policy are guidelines for creating a social order characterized by social, economic, and political justice, liberty, equality, and fraternity as enunciated in the constitution's preamble. It does not promise equal income and free healthcare for all Indians.

33. Article 243(I) of the Indian Constitution prescribes that the Governor of a State shall, as soon as may be within one year from the commencement of the Constitution (73rd Amendment Act, 1992), and thereafter at the expiration of every fifth year, constitute a Finance Commission to review the financial position of the Panchayats.

34. District Munsiff Court (District Munsif Court) is the court of the lowest order handling matters

35. India is a Quasi-Federal country because the Constitution of India is federal in nature but unitary in spirit. It has common features of a federation such as written Constitution, supremacy of Constitution, rigidity of Constitution, two governments, division of powers, bicameralism as well as unitary features like single Constitution, integrated judiciary and All-India Services etc.

36. Articles 23 and 24 of the Indian Constitution safeguard women and children and others against exploitation of various forms. Article 23 declares slave trade, prostitution and human trafficking a punishable offence. Article 24 of the Indian Constitution prohibits employment of children below the age of 14 years in dangerous jobs like factories and mines.

37. All the conditions given in the question are necessary for issuing writ of quo warranto. The conditions necessary for the issue of a writ of quo warranto are as follows: (i) The office must be public and it must be created by a statute or by the constitution itself. (ii) The office must be a substantive one and not merely the function or employment of a servant at the will and during the pleasure of another. (iii) There has been a contravention of the constitution on or a statute or statutory instrument, in appointing such person to that office.

38. "Political parties give political education to the people" is not the function of political parties in a democracy.

39. This act made the central legislature bicameral. The first house which was central legislature with 145 members (out of which 104 elected and 41 nominated) was called central Legislative Assembly and second with 60 members (out of which 33 elected and 27 nominated) was called Council of States. It Introduced Diarchy in the provincial executive. Federal system of Government was introduced in India by The Government of India Act 1935.

40. Political Theory deals with the study of political institutions as well as with theories of state, law, liberty, equality and representation.

41. The Constitution of India was drafted by the constituent assembly and it was set up under the cabinet Mission plan on 16 May 1946. Dr. Rajendra Prasad then became the

President of the Constituent Assembly. Tiruvellore Thattai Krishnamachari was a member of drafting committee. Harendra Coomar Mookerjee was the Vice-president of the Constituent Assembly of India for drafting the Constitution of India. Bhimrao Ambedkar was appointed Chairman of the Constitution Drafting Committee.

42. Popular participation is unmediated; the people are the government, there is no separate elite or ruling class between the government and their people. This is an indirect and limited form of democracy where the people choose who shall make decisions on their behalf. In the responsible democracy, the government is responsible first to the parliament's lower house, which is more numerous, directly elected and thus more representative than the upper house. The people vote for their representative who speaks on behalf of their constituents.

43.

44.

45. Chickungunia is caused by chickenguniya virus which is an insect borne virus of genus Alphavirus. Symptoms show high fever, maculopapular rash, headache, et

c.

46. Rhizobium (a kind of bacteria) lives in plant roots of pulse plant (legumes) to fix nitrogen.

47. The human heart possesses four chambers, two superior atria and two inferior ventricles. The atria are getting chambers and ventricles are providing chambers. Left ventricle pumps fully oxygenated blood to aorta then to the body. Right atrium gets deoxygenated blood from superior vena cava.

48. Azotobacter is a genus of usually motile and free living bacteria that builds thick walled cysts. They are able to fix nitrogen in soil.

49. Quinine is a natural white crystalline alkaloid. It has antipyretic (fever-reducing), antimalarial, analgesic, and anti-inflammatory qualities. It is present in the bark of cinchona tree.

50. All the three statements are not correct. Myopia refers long-sightedness, hypermetropia to short-sightedness and presbyopia is a disorder in which the eye shows a progressively diminished ability to focus on near object with the passage of age.

51. The pH of gastric juice is not more than 4.5 pH of saliva is 6-7.4, whereas the pH of blood is equal to 7.4

52. Salivary glands secrete amylase enzyme (ptyalin) and water to moist the food and to digest starch. When we see, smell or eat something we like, the salivary glands are stimulated and secrete saliva in buccal cavity thus watering the mouth.

53. Due to lower atmospheric pressure, N₂ gets mixed with O₂ to form such oxide which is inhaled by the passengers or crew.

54. Magnesium is found in green pigment of leaf. The green pigment is called chlorophyll molecule. Chlorophyll is chemically a tetrapyrrole structure in which Mg⁺⁺ exists in the centre.

55. In general, the contact insecticides that are approved for use are compounds of relatively low mammalian toxicity, which are considered to be non-hazardous when applied at prescribed dilution rates for the purposes indicated.

56. Vitamin-C is enough in guava fruits. Vitamin-C helps in strengthening of immunity, serves as an antioxidant and provides relief in hypertension too.

57.

58. GDP per capita is often used as an indicator of living standards. Notably on the rationale that all citizens would benefit from their country's increased economic production as it leads to an increase in consumption opportunities which in turn increases the standard of living.

59. The government had selected three think tanks in March 2011 in order to estimate the quantum of black money. These three think tanks are - National Institute of Financial Management (NIFM), National Council for Applied Economic Research (NCEAR) and National Institute of Public Finance and Policy (NIPFP).

60. The effect of a government surplus upon the equilibrium level of NNP (Net National Product) is substantially the same as an increase in consumption.

61.

62.

63.

64.

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66.

67.

68.

69.

70. The All India Muslim League, a political organization was founded in 1906 by Aga Khan under the Nawab of Dhaka

Salimullah. Its main purpose was to safeguard the political rights of Muslims in India.

71. The Constitution of India was drafted by the constituent assembly and it was set up under the cabinet Mission plan on 16 May 1946. The members of the constituent assembly were elected by the Provincial assemblies by method of single transferable vote system of proportional representations. Members of the committee:; Sardar Vallabhbhai Patel, K. M.

Munshi, Acharya J.B. Kriplani. Lok Nayak Jai Prakash was not the member of the constituent assembly.

72. The Brihadeshwara temple, called the Big Temple, is dedicated to Lord Siva. It was built by the great Chola King Raja Raja 1 (985 - 1012 A.D). It is an outstanding example of Chola architecture. Recognizing its unique architectural excellence, UNESCO has declared it a World Heritage Monument.

73. On the night of December 16, 1773, Samuel Adams and the Sons of Liberty boarded three ships in the Boston harbour and threw 342 chests of tea overboard. This resulted in the passage of the punitive Coercive Acts in 1774 and pushed the two sides closer to war.

74. Santal Rebellion (January 3, 1856) was a native rebellion in present day Jharkhand in eastern India against both the British colonial authority and upper caste zamindari system by the Santal people. The Indigo revolt (or Nilbidroha) was a peasant movement and subsequent uprising of indigo farmers against the indigo planters that arose in Bengal in 1859. Sanyasi means Ascetics and Sadhus. In this rebellion, the Sanyasis or Fakirs including the Hindu and Muslim ascetics stood up against the oppressive tax collection post Bengal famine of 1770. Birsa was an Indian tribal freedom fighter and a folk hero, who belonged to the Munda tribe. (1875-1900)

75. The Government created commissions and commissions on one another with an undeclared motive of creating mutual apprehensions and mistrusts. It was the time when the top leaders including Gandhi were failed to understand the political implications of his extensions of support to the cause of Khilafat. Practically, the leaders of Khilafat needed support of Gandhiji only for a defined particular purpose.

76. For the first time in 1934, the idea of a Constituent Assembly for India was put

forward by M. N. Roy. Under the cabinet mission plan of 1946, elections were held for the first time for constituent Assembly. The Constitution of India was drafted by the constituent assembly and it was set up under the cabinet Mission plan on 16 May 1946. The members of the constituent assembly were elected by the Provincial assemblies by method of single transferable vote system of proportional representation.

77. Ram Prasad Bismil was the famous freedom fighter who was involved in the historic Kakori train robbery. He was born in 1897 at Shahjahanpur, Uttar Pradesh. On 9th August, 1925, Ram Prasad Bismil along with his fellow followers looted the money of the British government from the train while it was passing through Kakori, Lucknow. Except Chandrashekhar Azad, all other members of the group were arrested. Ram Prasad Bismil along with others was given capital punishment. This great freedom fighter of India was executed on 19th December, 1927.

78. The Vernacular Press Act in 1878 was passed by Lord Lytton and repealed by Lord Ripon. The suppression of vernacular newspapers was caused by the criticism of ill treatment given to indigo workers by their English masters.

79. Recommendation for appointment to mansabs to the Emperor is not a function of Mir Bakhshi. The duties of Mir Bakhshi included The recruitment of the army maintaining a **list** of mansabdars with their postings. Keeping a roster of the Palace guards. Preparing the rules as to grants of pay keeping up a **list** of officers paid in cash, and an abstract of the total paybills. The superintendence of the mustering for branding and verifying the troopers' horses and the orders subsidiary thereto.

80. It is founded in Aligarh in 1914. It claimed to represent the interests of all Muslim women. Besides working for the social and educational uplift of Muslim women the Anjuman's main contribution was to popularize a new style of burqa pattern on the Turkish model.

81. The Indian national movement was against the British rule in India. It resulted in our Independence from the Britishers but it did not resolve the tribal issues.

82. The Battle of Buxar was fought between British East India Company and the combined forces of Mir Qasim, the Nawab of

Bengal, Shuja-ud-Daulah, the Nawab of Awadh and Shah Alam II, the Mughal Emperor on 23rd October, 1764. Shah Alam II, signed the Treaty of Allahabad that secured Diwani Rights for the Company to collect and manage the revenues of almost 100,000,000 acres (400,000 km²) of real estate, which helped establish the English rule.

83. Peasant Communities were heterogeneous group on the basis of caste and other caste like distinctions.

84.

85. 1. Slate- Metamorphous Rock **2.** Lignite-sedimentary rock **3.** Bauxite- Non ferrous mineral **4.** Granite - Igneous rock

86. 1. Brahamaputra- Dikhow **2.** Krishna-Musi **3.** Narmada- Tawa **4.** Cauveri- Bhavani

87. National Park an area of countryside, or occasionally sea or fresh water, protected by the state for the enjoyment of the general public or the preservation of wildlife. An animal sanctuary is a facility where animals are brought to live and be protected for the rest of their lives. A biosphere reserve is an area of land or water that is protected by law in order to support the conservation of ecosystems, as well as the sustainability of mankind's impact on the environment.

88. Adam's Bridge is a chain of limestone shoals between Rameswaram Island (Tamil Nadu) and Mannar Island (Sri Lanka). The bridge is 30 kilometres long and separates the Gulf of Mannar from the Palk Strait.

89. Most of the Western flowing rivers travel lesser distance than eastern flowing rivers before getting into the sea. On way to Western coast through hard rocks and over higher gradient, they couldn't collect large amount of Silt and flow with very high speed compared to East flowing rivers. Eastern rivers flow through broken hills and mountain ranges. So, they are widened and flow with lesser velocity before entering into sea. So, they deposit sediments and silt before entering into sea and can form a Delta.

90. The South Equatorial Current is a significant Pacific, Atlantic, and Indian Ocean current that flows east-to-west between the equator and about 20 degrees south.

91. Baltic Nations are those that have shorelines along the Baltic Sea. The group of countries presently referred Baltic States are Estonia, Latvia, and Lithuania. Slovakia is not a Baltic state.

92. . A geostationary satellite is an earth-orbiting satellite. It is placed at an altitude of approximately 35,800 kilometres directly over the equator that revolves in the same direction the earth rotates (west to east).

93. The Vindhyan system of rocks is important for the production of precious stones and building materials. The system derives its name from the Vindhyan hills where its rocks are prominently exposed. It forms a dividing line between the Ganga Plain and the Deccan. The main rocks of the Vindhyan system are coarse, medium and fine textured sandstones, shales and limestones. The Vindhyan system of rocks bear out precious stones, ornamental stones, diamonds, building materials, and raw materials for cement, lime, glass and chemical industries

94. Time is advance towards the east as sun rises first in the east then in west.

95. The distance between two consecutive longitudes at the poles is 0 KM. A degree of longitude is widest at the equator at 69.172 miles (111.321) and gradually shrinks to zero at the poles.

96. The correct sequences of water bodies, from lower to higher salinity concentration, is Baltic sea- Arctic Sea Gulf of California-Red sea.

97. A region of the globe found over the oceans near the equator in the intertropical convergence zone and having weather characterized variously by calm air, light winds, or squalls and thunderstorms is called Doldrums.

98. There are four terrestrial planets in our Solar System: Mercury, Venus, Earth, and Mars. The terrestrial planets in our Solar System are also known as the inner planets because these planets are the four closest to the Sun.

99. Albedo is the fraction of solar energy (shortwave radiation) reflected from the Earth back into space.

100. The edge of the sunlit hemisphere forms a circular boundary separating the earth into a light half and a dark half.

101. Srisailem Dam is the 2nd largest capacity hydroelectric project in the country. The dam is constructed across the Krishna River which flows in the Kurnool district of Andhra Pradesh.

102. Black holes are regions of spacetime from which nothing, not even light, can escape. A typical black hole is the result of

the gravitational force becoming so strong that one would have to travel faster than light to escape its pull. Such black holes contain a spacetime singularity at their centre.

103. A compiler is a special programme that processes statements written in a particular programming language and turns them into machine language or "code" that a computer's processor uses.

104. The official mascots of the 2008 Beijing Olympics were inspired by the Five Olympic Rings. Named Fuwa in Chinese, or Friendlies in English, these adorable characters have become beloved both home and abroad. They were designed to represent the playfulness of children who form a circle of friends. They five mascots represent four of China's living animal treasures, the Panda, the Tibetan Antelope, the Swallow, the Fish, and the Olympic Flame.

105.

106. The prize is not awarded posthumously; however, if a person is awarded a prize and dies before receiving it, the prize may still be presented. Noble Prize in Economics is given since 1969.

107. The act led to strong public protest especially in Manipur where Irom Sharmila has been on hunger strike for the past 12 years with the demand of abolishing Armed Forces Special Power Act 1958.

108. The aircraft did not have AOR clearance. The plane was travelling to Bangkok, Thailand from Fujiriah, United Arab Emirates.

109.

110. Both statements are individually true and Statement II is the correct explanation of Statement I

111. The Swiss federal government remains deeply divided over EU membership as its long-term goal, and in a March 2001 referendum more than 70% of Swiss voters rejected rapid steps toward EU membership.

112.

113. The Indian Council of Medical Research the apex body in India for the formulation, coordination and promotion of biomedical research. In 1911, the Government of India set up the Indian Research Fund Association (IRFA) with the specific objective of sponsoring and coordinating medical research in the country. After independence, several important changes were made in the organisation and the activities of the IRFA. It was redesignated the Indian Council of

Medical Research (ICMR) in 1949 with considerably expanded scope of functions.

114. China

115.

116.

117. India's Look East policy represents its efforts to cultivate extensive economic and strategic relations with the nations of Southeast Asia in order to bolster its standing as a regional power and a counterweight to the strategic influence of the People's Republic of China. It was initiated in 1991.

118. The Pulitzer Prize for fiction was given to Adam Johnson for his work 'The orphan Master's Son'.

119. The theme of World Environment Day 2014 is "Small Islands and Climate Change".

120. Indian Air Force on 18 September 2014 gifted a vintage Dakota aircraft from its museum to Bangladesh Air Force. The Dakota aircraft played a crucial role in liberation of Bangladesh and formation of Bangladesh Air Force. The Dakota aircraft was given on a formal request from Bangladesh Air Force to review and revive the historic ties between the two countries.