

## CDS General Knowledge Practice Set

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

**Q1.** Causes for the rapid decline of global shark populations is / are:

1. Illegal, unreported and unregulated (IUU) fishing
  2. shark finning
  3. Bangladesh
  4. blast fishing
- (a) 1 only  
(b) 2 only  
(c) 1,2,3  
(d) 2,3,4

**Q2.** Blast fishing carried out by use of explosives to stun or kill fish for easy collection, though outlawed, is still widespread in:

1. Tanzania and Indonesia
  2. Bangladesh
  3. North Sea and Grand Banks
  4. Aegean Sea and coastal Africa
- (a) 1 2  
(b) 3 4  
(c) 1 3  
(d) 1 4

**Q3.** Consider the following statements:

1. HIV entered the humans via infected primates which remain essential models for studying AIDS.
2. As a result of habitat loss and bush meat trade, many primate species are endangered and this will deprive chances of finding a cure for AIDS.

Which of the above statements are true?

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

**Q4.** Consider the following statements:

1. Man made forests fires have caused the extinction of several species all over in the past. In India, in the last century, the Indian cheetah, lesser Indian Rhino, the Pink headed Duck, the Forest Owlet and the Himalayan Mountain Quail are reported to have become extinct.
2. Habitats that protect wildlife are being converted to human settlements in respect of

dams, reservoirs, croplands, grazing grounds, plantation and mining. 3. Environmental pollution and deforestation have resulted in degradation of important habitat.

4. The introduction of endemic species has affected many native species by imposing new factors in competition for food and space, predation and habitat destruction.

Which of the following statements are true?

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

**Q5.** As which one of the following, does carbon occur in its purest form in nature?

- (a) Carbon black  
(b) Graphite  
(c) Diamond  
(d) Coal

**Q6.** The rusting of iron nail

- (a) decreases its weight  
(b) increases its weight  
(c) does not affect weight but iron is oxidised  
(d) does not affect weight but iron is reduced

**Q7.** Some statements about the benefits of organic farming are given below. Indicate whether they are true or false using the codes given below the statements:

1. It reduces CO<sub>2</sub> emission.
2. It does not lead to toxic effect.
3. It improves the water-retention capacity of the soil.

Codes

- (a) 123 False True False  
(b) 123 True False False  
(c) 123 False True True  
(d) 123 False True True

**Q8.** When items or jewellery made of metals such as copper or nickel are placed in a solution having a salt of gold, a thin film of gold is deposited by

- (a) cooling to below 0°C  
(b) heating above 100°C  
(c) passing an electric current  
(d) just keeping it for 10 min

**Q9. Statement I:** All liquids are conductors of electricity.

**Statement II:** Under the condition of low pressure and high voltage, liquids can be made conducting.

(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.

**Q10.** In an atomic explosion, release of large amount of energy is due to conversion of

(a) chemical energy into nuclear energy

(b) nuclear energy into heat

(c) mass into energy

(d) chemical energy into heat

**DIRECTIONS** (Q. No.97): The following question consist of two statements. Statement I and Statement II. You are to examine these two statements carefully and select the answer to this question using the codes given below.

**Q11.** Which element forms the highest number of compounds in the periodic table?

(a) Carbon

(b) Oxygen

(c) Silicon

(d) Sulphur

**Q12.** Bagasse, a by-product of sugar manufacturing industry, is used for the production of

(a) glass

(b) paper

(c) rubber

(d) cement

**Q13.** Match List I with List II and select the correct answer using the code given below the Lists:

List I List II (Air Pollutant) (Effect)

A. Chlorofluorocarbon **1.** Acid rain

B. Sulphur dioxide **2.** Depletion in ozone layer in the atmosphere

C. Lead compound **3.** Harmful for human nervous system

D. Carbon dioxide **4.** Topmost contribution to greenhouse effect

Code: A B C D

(a) 4312

(b) 4132

(c) 2134

(d) 2314

**Q14.** The phenomenon in which gel contracts is called

1. suspension

2. syneresis

3. weeping

4. stenosis

The correct term(s) is/are

(a) 1 and 2 only

(b) 2 and 3 only

(c) 3 and 4 only

(d) 3 only

**Q15.** Electroplating may be carried out for

1. preservation

2. decoration

3. protection from corrosion.

The correct statement(s) is/are

(a) 1 and 2 only

(b) 1, 2 and 3

(c) 2 and 3 only

(d) 1 and 3 only

**Q16.** CII-L-methylmethionine is used for

(a) brain tumour and parathyroid imaging

(b) stomach analysis

(c) bone imaging

(d) live imaging

**Q17.** Which one of the following is the permissible level of noise in a silent zone at day time?

(a) 50 dB

(b) 60 dB

(c) 65 dB

(d) 75 dB

**Q18.** An athlete diving off a high springboard can perform a variety of exercises in the air before entering the water below. Which one of the following parameters will remain constant during the fall?

(a) The athlete's linear momentum

(b) The athlete's moment of inertia

(c) The athlete's kinetic energy

(d) The athlete's angular momentum

**Q19.** A body has a mass of 6 kg on the Earth; when measured on the Moon, its mass would be

(a) nearly 1 kg

(b) less than 1 kg

(c) less than 6 kg

(d) 6 kg

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**Q20.** Statement I: Pulling a lawn roller is easier than pushing it. Statement II: Pushing increases the apparent weight and hence the force of friction.

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

**Q21.** Magnetic, electrostatic and gravitational forces come under the category of

- (a) non-contact forces
- (b) contact forces
- (c) frictional forces
- (d) non-frictional forces

**Q22.** The distribution of electrons into different orbits of an atom, as suggested by Bohr; is

- (a) 2 electrons in the K-orbit, 6 electrons in the L-orbit, 18 electrons in the M-orbit
- (b) 2 electrons in the K-orbit, 8 electrons in the L-orbit, 32 electrons in the M-orbit
- (c) 2 electrons in the K-orbit, 8 electrons in the L-orbit, 18 electrons in the M-orbit
- (d) 2 electrons in the K-orbit, 8 electrons in the L-orbit, 16 electrons in the M-orbit

**Q23.** Hydrogen bomb is based on the principle of

- (a) Controlled fission reaction
- (b) Uncontrolled fission reaction
- (c) Controlled fusion reaction
- (d) Uncontrolled fusion reaction

**Q24.** Assertion: On the front side of an ambulance, the letters are usually written as ECNALUBMA, Reason: Images formed in mirrors are laterally inverted

- (a) Both A and R are correct and R explains A
- (b) Both A and R are correct, but R does not explain A
- (c) A is right and R is wrong
- (d) A is wrong and R is right

**Q25.** Consider the following statements:

- 1: In our houses, the current in A.C. electricity line changes direction sixty times per second.
- 2: The frequency of alternating voltage applied is 60 Hz, Which of the above statements is/are true?

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

(d) 2 only

**Q26.** Consider the following statements:

1. If a person looks at a coin which is in a bucket of water, the coin will appear to be closer than it really is.
  2. If a person under water looks at a coin above the water surface, the coin will appear to be at a higher level than it really is
- Which of the above statements is/are correct?

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

**Q27.** Consider the following statements regarding the earthing pin in a three-pin plug:

1. It is longer than the other two to insure that the gadget is earthed first
2. It is thicker so that even by mistake it cannot be inserted in the live hole of the socket
3. It is thicker and longer so that its resistance is considerably less than that of the other pins

Which of the above statements are correct?

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

**Q28.** Television viewers using dish antenna to receive satellite (DTH) signals do not receive signals during rain, because:

- (1) Their antennas are smart
- (2) Rain droplets absorb the energy of radio waves
- (3) Rain droplets disperse the energy of radio waves from their original direction.

Which of the above statement/statements is /are correct?

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

**Q29.** Consider the following statements

1. When the Vice-President of India acts as the President of India, he performs simultaneously the functions of the Chairman of Rajya Sabha.

2. The President, of India can promulgate ordinances at any time except when both

Houses of Parliament are in session. 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

**Q30.** Consider the following statements

1. Article 46 of the Constitution of India provides for free legal aid to Scheduled Castes and Scheduled Tribes.

2. Article 14 of the Constitution of India provides for equality before law. 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

**Q31.** In which of the following years the Fundamental Duties have been added to the existent Fundamental Rights in the Constitution of India?

- (a) 1965
- (b) 1976
- (c) 1979
- (d) 1982

**Q32.** Who among the following was elected President of India unopposed?

- (a) Dr Rajendra Prasad
- (b) Dr S Radhakrishnan
- (c) Dr Neelam Sanjeeva Reddy
- (d) K R Narayanan

**Q33. DIRECTIONS (Q. Nos.):** The following questions are based on the following passage. Civil society has become the leitmotif of movements struggling to free themselves from unresponsive and often tyrannical post colonial elites. If the first wave of liberation took place along with decolonisation, the second wave comes up against those very elites who had taken power after decolonisation. I see the beginning of an authentic civil society in the voice of those outside the ambit of norms laid down by the state-ecology, gender, class-in the resistance of those who refuse to let the state site its projects wherever it places, in the voice of those who reject corrupt elites in the political passions of those whose nerves are not numbed by consumer capitalism, in the letters to the newspapers, in oral communication. These are people who do not opt out of civil society, but who demand that

the state deliver what it has promised in the Constitution and the law, who demand State accountability, who expand the sphere of rights to encompass those which has arisen out of the struggles of the people.

**80. What does the author mean by 'authentic civil society'?**

- (a) People who have lost faith in parliamentary system
- (b) Citizens who are not corrupt but do not vote
- (c) Citizens who passionately advocate the cleansing of institutional malpractice and societal injustices through non parliamentary methods
- (d) Activists who want moral accountability and judicial redress of all wrong doings in society

**Q34.** The original jurisdiction of the Supreme Court of India extends to

- (a) treaties and agreements signed by the Government of India
- (b) disputes between the Government of India and one or more States
- (c) disputes relating to implementation of the Directive Principles of State Policy
- (d) a bill passed by the Parliament which is violative of the Constitution

**Q35.** The Chief Election Commissioner of India holds office for a period of

- (a) six years
- (b) during the pleasure of the President
- (c) for 6 years or till the age of 65 years, whichever is earlier
- (d) for 5 years or till the age of 60 years, whichever is earlier

**Q36.** Which one among the following is the distinguishing factor between a pressure group and a political party?

- (a) Pressure groups are confined to a few, while political parties involve larger number of people
- (b) Pressure groups do not seek active political power, political parties do
- (c) Pressure groups do not politically motivate people, while political parties do
- (d) Political parties take political stance, while pressure groups do not bother about political issues

**Q37.** Match the following  
**List I (Act) List II (Feature)**

- A. The Indian Councils Act, 1892 - Introduction of provincial autonomy  
 B. The Indian Councils Act, 1909 - Indian Introduction of the principle of election  
 C. The Government of India -Act, 1919 - Introduction of diarchy in provinces  
 D. The Government of India Act, 1935 - Introduction of separate electorate for the Muslims

**Codes** A B C D A B C D

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

**Q38.** How does participatory budgeting seek to make the functioning of local governance institutions more transparent and accountable?

1. By allowing citizens to deliberate and negotiate over the distribution of public resources.
  2. By allowing citizens to play a direct role in deciding how and where resources should be spent.
  3. By allowing historically excluded citizens with access to important decision-making venues. Select the correct answer using the codes given below
- (a) 1 and 2  
 (b) 2 and 3  
 (c) Only 3  
 (d) 1, 2 and 3

**Q39.** Among the following ideals and philosophy, identify those enshrined in the Preamble to the Constitution of India. [2013-II]

1. Sovereign democratic republic.
  2. Socialism and secularism.
  3. Capitalism and free trade. Select the correct answer using the codes given below
- (a) 1 and 2  
 (b) 1 and 3  
 (c) 1,2 and 3  
 (d) 2 and 3

**Q40.** Which one among the following was not a proposal of the Cabinet Mission, 1946?  
 (a) The Constituent Assembly was to be constituted on the democratic principle of population strength  
 (b) Provision for an Indian Union of Provinces and States  
 (c) All the members of the Constituent Assembly were to be Indians

(d) British Government was to supervise the affairs of the Constituent Assembly

**Q41.** Which of the following statements about Indian Judiciary is not correct?

- (a) The Constitution of India has not provided for double system of courts as in the United States  
 (b) The organization of the subordinate judiciary in India varies slightly from State to State  
 (c) Every State in India has separate High Court  
 (d) The Supreme Court has issued direction to constitute an All India Judicial Service to bring about uniformity in designation of officers in criminal and civil side

**Q42.** Consider the following statements:

1. National Human Rights Commission of India can enquire into complaints relating to fake encounters
  2. Its reviews on acts of terrorism have been challenged in the Supreme Court
- Which of the statements given above is/are correct?  
 (a) 1 only  
 (b) 2 only  
 (c) Both 1 and 2  
 (d) Neither 1 nor 2

**Q43.** Which of the following programme was launched for the welfare of minorities in 2006

- (a) Prime Minister's New 15-Point  
 (b) Prime Minister's New 20-Point  
 (c) Prime Minister's New 10-Point  
 (d) Prime Minister's New 5-Point

**Q44.** One of the following is not the function of the municipalities under 74th Amendment

- (a) Construction of buildings  
 (b) Economic and social planning  
 (c) Water supply  
 (d) Fisheries

**Q45. Match the following**

**List I** (Disease) - **List II** (Part of Human Body Affected)

- A.** Conjunctivitis - **1.** Eyes  
**B.** Dermatitis - **2.** Joints  
**C.** Gout - **3.** Skin  
**D.** Meningitis - **4.** Spinal cord

**Codes A B C D**

- (a) 2413  
 (b) 1324  
 (c) 2314

(d) 1423

**Q46.** Which of the following plants is not capable of manufacturing its own food?

- (a) Algae
- (b) Mushroom
- (c) Carrot
- (d) Cabbage

**Q47.** Which one of the following is considered as the drug of last resort for human beings?

- (a) Penicillin
- (b) Tetracycline
- (c) Chloramphenicol
- (d) Streptomycin

**Q48.** Primary source of vitamin-D for human beings is

- (a) citrus fruits
- (b) green vegetables
- (c) yeast
- (d) sun

**Q49.** Which one of the following is not biodegradable?

- (a) Woollen mat
- (b) Silver foil
- (c) Leather bag
- (d) Jute basket

**Q50.** What is the most conspicuous salient feature of people with 'Progeria'?

- (a) More hair on body
- (b) Less immunity to opportunistic infections
- (c) Faster rate of ageing
- (d) Surfer from infertility

**Q51.** Bats can fly in dark because they

- (a) have strong wings
- (b) have sharp eyes
- (c) produce ultrasonic waves
- (d) are nocturnal

**Q52.** It has been observed that astronauts lose substantial quantity of calcium through urine during space flight. This is due to

- (a) hyper gravity
- (b) microgravty
- (c) intake of dehydrated food tablet
- (d) low temperature ip cosmos

**Q53.** Blood does not coagulate inside the body due to the presence of

- (a) haemoglobin
- (b) heparin
- (c) fibrin

(d) plasma

**Q54.** Which of the following does not possess a specialised conducting tissue for transport of water and other substances in plants?

- (a) Marchantia
- (b) Marsilea
- (c) Cycas
- (d) Fern

**Q55.** Consider the following

Enzymes and protein can be corelated with each other in the following ways

1. All proteins are enzyme.
2. All enzymes are protein.
3. All enzymes are not protein.
4. All proteins are not enzyme. Which of the above are correct?

- (a) 1 and3
- (b) 2 and4
- (c) 1,2 and3
- (d) 2,3 and4

**Q56.** Which one of the following is not an insect borne disease?

- (a) Beri-beri
- (b) Kala-azar
- (c) Malaria
- (d) Plague

**Q57.** A recent survey (by Bloomberg) shows that the USA has fallen behind emerging markets in Brazil, China and India as the preferred place to invest. Why is it so?

1. Unstable economic situation of the USA which the global investors feel not likely to improve in the near future.
2. Global investors are finding Brazil, China and India to be actually more amenable to foreign investment. Select the correct answer using the code given below

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

**Q58.** The lower growth of coal production in India during 2011- 2012 was primarily due to

1. environmental restrictions.
2. non-availability of forestry clearance.
3. poor law and order situation in coal producing states.
4. excessive rainfall in coal mining areas.

Select the correct answer using the codes given below

- (a) 1,2, 3 and 4

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

**Q59.** The average fixed cost curve will always be

- (a) a rectangular hyperbola  
 (b) a downward sloping convex to the origin curve  
 (c) a downward sloping straight line  
 (d) a U-shaped curve

**Q60.** 'Inclusive growth' is a phrase used in India's

1. 9th Plan
2. 10th Plan
3. 11th Plan
4. 12th Plan

Select the correct answer using the codes given below.

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

**Q61.** Which of the following does not form part of current account of Balance of Payments?

- (a) Export and import of goods  
 (b) Export and import of services  
 (c) Income receipts and payments  
 (d) Capital receipts and payments

**Q62.** The agency charged with the responsibility of buffer stocking is:

- (a) Food Corporation of India  
 (b) Commission for Agricultural Costs and Prices  
 (c) National Cooperative Union of India  
 (d) Central Warehousing Corporation of India  
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**Q63.** Which of the following statements is not correct in relation to International Monetary Fund?

1. India is a founder member of the IMF.
  2. IMF conducts regular review of India's economic status under Article IV.
  3. India's quota in the IMF is more than 2 per cent.
  4. Finance Minister is ex-officio Governor of the IMF.
- (a) 1 and 4  
 (b) 3 only  
 (c) 1 only  
 (d) 2 and 4

**Q64.** Central Public Sector Enterprises with good record of performance have been conferred greater autonomy under the Navaratna Scheme. Which of the following is not one of the categories?

- (a) Maharashtra  
 (b) Navratna  
 (c) Microratna  
 (d) Miniratna

**Q65.** The World Population Day is observed on July 11, in commemoration of that day in 1987 when the five billionth inhabitant of the world was supposed to have been born. According to the UNFPA, the day of the seven billion would be:

- (a) July 11, 2009  
 (b) August 15, 2012  
 (c) September 22, 2015  
 (d) October 31, 2011

**Q66.** According to UNFPA projections, the world population will touch 10 billion by:

- (a) 2100  
 (b) 2050  
 (c) 2016  
 (d) 2085

**Q67.** Among the 18 hot spots of biodiversity in the world, the two which fall in India are:

- (a) Eastern Himalayas and Western Ghats  
 (b) Kashmir and Sunderbans  
 (c) Western Ghats and Andaman Islands  
 (d) Sunderbans and Nicobar

**Q68.** It is important to measure the level of poverty for various reasons. Which of the following is not one of the reasons for measuring poverty?

- (a) Economic and social policies can be formulated only if accurate picture of poverty is available  
 (b) Political parties can effectively canvas support during elections if data on poor are made available.  
 (c) Targeting of poor by area and region is possible only if statistics of poor by region, class etc exist  
 (d) Periodic measurement of data on poverty helps measure the impact of policies and programmes meant for poverty reduction

**Q69.** Arrange the following in chronological order

1. Partition of Bengal

2. Chauri-Chaura Incident  
 3. First Round Table Conference Codes:  
 (a) 1, 2, 3  
 (b) 3, 2, 1  
 (c) 1, 3, 2  
 (d) 2, 1, 3

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**Q70.** Under which one of the following systems of assessment, the British Government collected revenue directly from the farmers?

- (a) Zamindari  
 (b) Ryotwari  
 (c) Annawari  
 (d) Desaiwari

**Q71.** Which of the following statements on Gandhian movements is not correct?

- (a) Mahatma Gandhi was in favour of mass movement  
 (b) Gandhian movements were non-violent in nature  
 (c) In Gandhian movements, leadership had no role  
 (d) Mahatma Gandhi was in favour of passive resistance

**Q72.** The Nehru-Liaquat Pact between India and Pakistan was signed in 1950 to resolve the issue of

- (a) the protection of minorities  
 (b) the accession of princely states  
 (c) the border disputes  
 (d) the problem of refugees

**Q73.** Which one among the following prompted Rabindranath Tagore to surrender his title of 'Sir'?

- (a) The passing of the Rowlatt Act  
 (b) The passing of the Act of 1919  
 (c) To support Mahatma Gandhi's Satyagraha Movement  
 (d) To protest against the massacre at Jallianwala Bagh and the imposition of martial law in Punjab

**Q74.** Which one among the following statements regarding the social and religious reform ideas of Raja Rammohan Roy is not correct?

- (a) His efforts led to the formation of Brahmo Samaj in 1828  
 (b) He considered different religions as embodiments of universal theism  
 (c) His Vedantic monism was strengthened after 1815 since an exposure to Christian unitarianism  
 (d) He paid attention exclusively to the problems/issues of the emerging middle class of India

**Q75.** Which one among the following is correct about the Doctrine of Lapse?

- (a) It did not allow the Indian rulers to adopt any heir  
 (b) It did not allow an adopted heir to rule a state after the death of the ruler  
 (c) It made the annexation of Indian State compulsory after the death of a ruler  
 (d) It made the annexation of Indian State compulsory if the adoption of heir had not been approved by the British authorities

**Q76.** Which among the following was the most immediate factor for the spread of Swadeshi and boycott of foreign goods during the first decade of the last century?

- (a) Curzon's design to curtail the sphere of local selfgovernment  
 (b) Curzon's attempt to control the universities  
 (c) Curzon's partition of Bengal  
 (d) Curzon's plan to curb the growing popularity of the Indian National Congress

**Q77.** Who among the following Chinese travellers visited the Kingdoms of Harsrhavardhana and Kumar Bhaskar Varma?

- (a) I-Tsing  
 (b) Fa-Hien  
 (c) Hiuen Tsang  
 (d) Sun Shuyun

**Q78.** Which one among the following correctly describes Gandhiji's attitude towards the Swarajist leaders?

- (a) He was not opposed to their entry into council  
 (b) He had full trust in their bona fides and considered them most valued and respected leaders  
 (c) He was not in favour of maintaining warm personal relations with them

(d) He was neutral to government's offensive against the Swarajists and did not defend them

**Q79.** Statement I: Mahavira initially joined a group of ascetics called Nirgranthas. Statement II: The sect was founded 200 years earlier by Parsva.

- (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

**Q80.** The Mansabdari system of the Mughals was a complex system. Its efficient functioning depended upon

1. the practice of offering the title of 'Mansabdar' to military personnel only.
2. proper functioning of the dagh (branding) system.
3. proper functioning of the jagirdari system.

Select the correct answer using the codes given below

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

**Q81.** Which one among the following statements about Civil Disobedience Movement is correct?

- (a) It started with Gandhiji's march to Champaran
- (b) Under Gandhi-Irwin agreement Congress agreed to give up Civil Disobedience Movement
- (c) The British Government was quite soft towards the movement from the beginning
- (d) There was no violence during the movement

**Q82.** Which among the following was the reason of the resignations of the Indian Ministers in all the provinces in the year 1939?

- (a) The Governors refused to act as constitutional heads
- (b) The Centre did not provide the required financial help to provinces

(c) The Governor-General converted Indian administration from federal to unitary one because of the beginning of the World War II  
(d) India was declared a party to the World War II without the consent of the provincial government

**Q83.** Statement II: Ram Mohan Roy in his famous work Gift to Monotheism put forward weighty arguments against belief in many Gods and for the worship of a single God. Statement II: Ram Mohan Roy in his Precepts of Jesus tried to separate the moral and philosophic message of the New Testament.

- (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

**Q84.** Which of the following was/were connected primarily to the communist ideology?

1. Kirti Kisan Party
  2. Labour Swaraj Party
- Select the correct answer using the code given below:

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

**Q85.** The shaded area in the map given below is the major producer of which one of the following?

- (a) Cotton
- (b) Groundnut
- (c) Wheat
- (d) Mustard

**Q86.** Because of which one of the following factors, clouds do not precipitate in deserts?

- (a) Low pressure
  - (b) Low humidity
  - (c) High wind velocity
  - (d) High temperature
- DIRECTIONS (Q. Nos. 101-104):** The following questions consist of two statements, one labelled as 'Assertion' and the other as 'Reason (R)'. You are to examine these two statements carefully and

select the correct answers to these questions using the codes given below.

**Q87.** Consider the following **statements**

1. In the month of July, the Inter Tropical Convergence Zone is located in the Indo Gangetic plain.

2. Northern Inter Tropical Convergence Zone is the zone of clouds and heavy rainfall.

Which of the statement given above is/are correct?

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

**Q88.** Consider the following **statements**

1. Suez Canal is an important link between developed countries and developing countries.

2. It joins the Mediterranean Sea with the Gulf of Suez

3. It is not a sea level canal. Which of the statement given above is/are correct?

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

**Q89.** Bolivar is the monetary unit of

- (a) Venezuela
- (b) Brazil
- (c) Bolivia
- (d) Belarus

**Q90.** Consider the following **statements**

1. A hurricane acquires its spin from the coriolis effect.

2. The diameter of the hurricane decreases as it moves away from low latitudes.

3. The diameter of a hurricane is never below 150 km. Which of the statements given above is/are correct?

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

**Q91.** Match the following

**List II** (Characteristic Vegetation) **List I** (Region)

- A. Selvas - 1. Mosses and Lichens
  - B. Savanas - 2. Epiphytes
  - C. Tundra - 3. Tropophytes
  - D. Monsoon lands - 4. Grasses and trees
- Codes A B C D A B C D

(a) 3 1 4 2

(b) 3 4 1 2

(c) 2 4 1 3

(d) 2 1 4 3 DIRECTIONS (Q. Nos. 181-182):

The following questions consist of two statements, Statement I and Statement II.

you are to examine these two statements carefully and select the answers to these questions using the code given below.

**Q92.** The Earth revolves around the Sun in an elliptical path and the Sun is located at one focus of the ellipse. Imagine a situation in which the Earth goes around the Sun on a circular path. Which one among the following would result in under that situation?

- (a) It would not make any difference
- (b) Difference between seasons will be reduced
- (c) The earth would become very hot
- (d) The Earth would become very cold

**Q93.** Which of the following statements regarding red soils of India is/are correct?

1. The colour of the soil is red due to ferric oxide content.

2. Red soils are rich in lime, humous and potash.

3. They are porous and have friable structure. Select the correct answer using the code given below

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

**Q94.** Renewable energy can be obtained from

- (a) Fossils
- (b) Radioactive elements
- (c) Biomass
- (d) Natural gas

**Q95.** Logically, what does a continually rising air pressure indicate?

- (a) Advent of unsettled and cloudy weather
- (b) Advent of a cyclone
- (c) Fine and settled weather
- (d) Fire and unsettled weather

**Q96.** Which of the following are responsible for the decrease of per capita holding of cultivated land in India?

- 1. Low per capita income.
- 2. Rapid rate of increase of population.
- 3. Practice of dividing land equally among the heirs.

4. Use of traditional techniques Select the correct answer using the codes given below

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

**Q97.** Arrange the following tributaries of river Brahmaputra from West to East.

- 1. Lohit
- 2. Dibang
- 3. Subansiri
- 4. Tista Select the correct answer using the codes given below

Codes

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

**Q98.** The highest of all spring tides occurs at the time of

- (a) full or new moon in association with winter solstice
- (b) full or new moon in association with equinox
- (c) full or new moon in association with summer solstice
- (d) winter as well as summer solstices

**Q99.** Mid-latitude cyclones

- (a) usually move across North-America from East to West
- (b) are generally found only over the ocean
- (c) generally bring clear skies and little precipitation
- (d) are formed in regions of strong temperature contrasts

**Q100.** Why is Himalayan region poor in mineral resources?

- (a) Himalayan region is made up of crystalline rocks
- (b) Displacement of rock strata has disturbed the arrangement of rocks and made it complex.
- (c) The climatic conditions are not suitable for exploration of minerals
- (d) The rugged terrain makes exploration of minerals difficult and costly

**Q101.** Which one of the following is depositional landform?

- (a) Stalagmite
- (b) Lapis
- (c) Sinkhole

(d) Cave

**Q102.** Match **List I** with **List II** and select the correct answer using the code given below the

**Lists: List I List II** (Phenomenon) (Date)

- A. Summer solstice -1. 21st June
- B. Winter solstice -2. 22nd December
- C. Vernal Equinox -3. 23rd September
- D. Autumnal - 4. 21st March Equinox

Code: A B C D

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

**Q103.** Billy Doctrove, a member of the Elite Panel of ICC umpires belongs to which one of the following countries?

- (a) South Africa
- (b) West Indies
- (c) Australia
- (d) New Zealand

**Q104.** Who among the following is the first man (after Bjorn Borg in 1990) to win the French Open and Wimbledon Singles Title back to back?

- (a) Rafael Nadal
- (b) Roger Federer
- (c) John McEnroe
- (d) Daniel Nestor

**Q105.** Which one of the following committees was constituted by Ministry of Human Resource Development Government of India, as per the direction of the Supreme Court of India to frame guidelines on student union election in colleges/ universities?

- (a) Moily Committee
- (b) Lyngdoh Committee
- (c) Sachar Committee
- (d) Ganguly Committee

**Q106.** Consider the following statement about Aruna Roy.

1. She was one of the prominent leaders of the right to information movement, which eventually led to the enactment of Right to Information Act in 2005.
2. She was the founder of the Mazdoor Kisan Shakti Sangathan. [2009-II]
3. She served as a civil servant in the Indian Administrative Service. Which of the statement given above is/are correct?

- (a) 1 and 2
- (b) Only 2

- (c) Only 1  
(d) All of these

**Q107.** Consider the following paragraph and identify the person referred to in it A Nobel Laureate in Literature, she is a member of Romania's ethnic german minority who was prosecuted for her critical depictions of life 'Behind the Iron Curtain'. She made her debut in 1982 with a collection of short stories entitled 'Niederungen' which depicted the harsh life in a small, German-speaking village in Romania. This book was censored by the Communist Government.

- (a) Doris Lessing  
(b) Gunter Grass  
(c) Herta Mueller  
(d) Imre Kertesz

**Q108.** In the year 2009, Japan launched its first satellite to monitor greenhouse gases. What is the name of the satellite?

- (a) Tadami  
(b) Yasushi  
(c) Kuoto  
(d) Ibuki

**Q109.** Consider the following statements regarding Sukhoi PAK FA T-50 aircraft.

1. It is a joint venture of USA and India.
2. It is a fifth generation fighter aircraft.
3. It has the ability to super cruise or operate at speeds beyond the sound. Which of the statements given above is/are correct?

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

**Q110.** In August 2010, Russian President hosted a summit of four nations to discuss about the menace of terrorism and narcotics at the Black Sea Resort Sochi. The countries which attended were

- (a) Brazil, Russia, India and China  
(b) Russia, Afghanistan, India and Pakistan  
(c) Russia, Kazakhstan, Tajikistan and Afghanistan  
(d) Russia, Afghanistan, Pakistan and Tajikistan

**Q111.** Which of the following statements regarding the United Nations Peacekeeping Force is/are correct?

1. The first peacekeeping force was sent to Egypt.

2. Peacekeeping force is accountable to the Security Council.

3. First women peacekeeping force was sent by India to Liberia. Select the correct answer using the codes given below

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

**Q112.** On 15th March, 2011, foreign ministers of G-8 nations failed to reach an agreement on military action against Libya because.

1. Germany and Russia blocked flight restrictions sought by Britain and France.
2. French attempt for a no-fly zone could not reach consensus.

3. United Nations has been non-supportive for any kind of action against Libya. Select the correct answer using the codes given below

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

**Q113.** Which one among the following statements is incorrect with regard to the C-5M Super Galaxy?

- (a) It is a large military helicopter  
(b) It is a large military transport aircraft  
(c) It is a galaxy of stars very close to the Sun  
(d) it is a US fighter aircraft to be completed in 2014

**Q114.** Farkhor Air Base, operated by the Indian Air Force, is situated in which one among the following countries?

- (a) Kazakhstan  
(b) Uzbekistan  
(c) Afghanistan  
(d) Tajikistan

**Q115.** Some atheists, skeptics and non-believers called to celebrate '25th December' as Newtonmas Day instead of observing 'Christmas Day'. The reason they propose that

- (a) both Isaac Newton and Jesus Christ were great  
(b) Isaac Newton was born on 25th December  
(c) 'Skeptic Society' was founded on 25th December  
(d) Isaac Newton was a deep believer of Christianity

**Q116.** Consider the following statements about Malala Yousafzai

1. In November, 2012, she was awarded with the Bravery Award by the World Peace and Prosperity Foundation.

2. The United Nations declared 10th November as 'Malala Day' in honour of her contribution in the field of girls' education. Which of the statement(s) given above is/are correct?

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

**Q117.** Consider the following statements

1. Rafael Nadal won Men's Singles French Open Tennis Tournament-2013, defeating Spanish compatriot David Ferrer.

2. This is Nadal's maiden French Open title. 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

**Q118.** Consider the following statements regarding Indian Ocean Rim Association

1. The 13th Council of Ministers meeting of the Association was held in November 2013 in Perth.

2. India was elected Chair of the Association from 2013 to Miscellaneous C-173 2015.

3. There are twenty member nations in the Association. Which of the statements given above is/are correct?

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

**Q119.** Which of the following statements about Marrakesh Treaty is/ are correct?

1. The main goal of the treaty is to create a set of mandatory limitations and exceptions for the benefits of the blind and visually impaired.

2. India has ratified the treaty.

3. The treaty has come into force from July 2014. Select the correct answer using the code given below:

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

(d) 1, 2 and 3

**Q120.** Which of the following statements with regard to the proposed Asian Infrastructure Investment Bank is/are correct?

1. India is one of the founding members of the Bank.

2. The Bank is to be headquartered in Shanghai. Select the correct answer using the code given below:

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

1. b 2. d 3. c 4. a 5. a 6. b 7. c 8. c 9. d 10. a 11. a 12. b 13. c 14. b 15. b 16. a 17. b 18. d 19. d 20. a 21. a 22. c 23. d 24. a 25. d 26. a 27. a 28. d 29. b 30. b 31. b 32. c 33. d 34. b 35. c 36. b 37. a 38. d 39. a 40. d 41. c 42. a 43. a 44. d 45. b 46. b 47. c 48. d 49. b 50. c 51. c 52. b 53. b 54. a 55. a 56. a 57. C 58. D 59. A 60. C 61. D 62. a 63. d 64. c 65. d 66. a 67. a 68. b 69. a 70. b 71. c 72. a 73. d 74. d 75. d 76. c 77. c 78. b 79. b 80. c 81. b 82. d 83. b 84. c 85. a 86. b 87. c 88. b 89. a 90. d 91. c 92. b 93. b 94. c 95. c 96. c 97. b 98. b 99. c 100. b 101. a 102. b 103. b 104. b 105. b 106. d 107. c 108. d 109. b 110. d 111. c 112. b 113. b 114. d 115. b 116. a 117. a 118. c 119. b 120. a

1.

2.

3.

4.

5. Carbon occurs in its purest form of carbon black in nature.

6. The rusting of iron nail takes place in the presence of air (oxygen) and water (moisture). It increases the weight of iron nail due to the formation of rust.  $4\text{Fe} + 3\text{O}_2 + x\text{H}_2\text{O} \rightarrow \text{Rust}$   
Rust  $2\text{Fe}_2\text{O}_3 \cdot x\text{H}_2\text{O}$

7. Organic farming is the form of agriculture that relies on crop rotation, green manure, compost, biological pest control and mechanical cultivation to maintain soil productivity and control pests. It does not reduce CO<sub>2</sub> emission. It does not lead to toxic effect. It improves the water-retention capacity of the soil.

8. The process of depositing a thin layer of one metal over the surface of other metal by the process of electrolysis is known as electroplating. Hence, when items or jewellery made of metals such as copper or nickel are placed in a solution having a salt of gold, a

thin film of gold is deposited by passing an electric current.

**9.** All liquids are not conductors of electricity. Only the liquids which contain free ions or electrons, can conduct electricity.

**10.**

**11.** Carbon (C) forms a large number of compounds due to its two characteristics properties. (i) Catenation (ability to link with other carbon atoms) (ii) Tetra valency (valency of carbon is 4)

**12.** Bagasse is sugarcane fibre waste left after juice extraction. It is used for the production of paper.

**13.** The correct match is as follows:

Chlorofluorocarbon - Depletion in ozone layer in the atmosphere  
Sulphur dioxide - Acid rain  
Lead compound - Harmful for human nervous system  
Carbon dioxide - Topmost contribution to greenhouse effect

**14.**

**15.**

**16.**

**17.** The permissible level is 60 dB.

**18.** When an athlete jumps from the spring board, he curls his body by rolling his arms and legs in. By doing so, he decreases moment of inertia of his body and hence angular speed increases to conserve the angular momentum, as  $I_1 \omega_1 = I_2 \omega_2 = \text{constant}$ .

**19.** Mass of an object does not change when an object's location changes. It is the weight of the body ( $w = mg$ ) which changes with value of 'g' at that place.

**20.** It is easier to move any body by pulling it than by pushing it. A body starts to move when the applied force is more than the frictional force. This frictional force is proportional to the weight of the body under which it acts. When the lawn roller is pushed by the force (F), the vertical component of the pushing force now increases the weight ( $w = mg$ ) of the roller which in turn results in increase of normal reaction and hence the friction is more.

**21.** All of these forces don't need any physical contact to exist hence, non-contact forces.

**22.**

**23.**

**24.**

**25.**

**26.**

**27.**

**28.**

**29.** Article 65 of the Indian Constitution says that while acting as president or discharging the functions of president, the Vice President does not perform the duties of the office of the chairman of Rajya Sabha. Article 123 of the Constitution grants the President certain law making powers to promulgate Ordinances when either of the two Houses of Parliament is not in session and hence it is not possible to enact laws in the Parliament.

**30.** Article 46 deals with Promotion of educational and economic interests of the weaker sections of the people, and in particular, of the Scheduled Castes and the Scheduled Tribes and shall protect them from social injustice and all forms of exploitation. It does not provide free legal aid to them. According to Article 14, "the State shall not deny to any person equality before the law or equal protection of the laws within the territory of India".

**31.** The Fundamental Duties were added to the Constitution by the 42nd Amendment in 1976 on the recommendations of the Swaran Singh Committee. They were originally ten in number, but by the 86th Amendment in 2002 they were increased to eleven.

**32.** Dr. Neelam Sanjiva Reddy was the sixth President of India. After the death of Fakhruddin Ali Ahmed in office, Reddy was elected unopposed. He was only President to be elected thus, after being unanimously supported by all political parties including the opposition Congress party. He was elected president on 21 July 1977.

**33.** According to author, authentic civil society means "Activists who want moral accountability and juridical redress of all wrongdoing in society."

**34.** The original jurisdiction of supreme court of India extends to all cases between the Government of India and the States of India or between Government of India and states on one side and one or more states on other side or cases between different states.

**35.** The Chief Election Commissioner holds office for a term of six years or until they attain the age of 65 years, whichever is earlier.

**36.** Pressure groups do not seek active political power, political parties do. Political parties exist to gain power over governmental policy by winning elections for political office. Interest groups do not necessarily have their members run for office and they vote in a

nonpartisan way, supporting candidates who promote their point of view.

**37.** The Indian Council Act 1892- Introduction of the principle of election The Indian Council Act 1909- Introduction of separate electorate for the Muslims The government of India act 1919- Introduction of diarchy in provinces The government of India Act 1935- Introduction of provincial autonomy.

**38.** Participatory Budgeting is a democratic process of deliberation by citizens, civic officials and elected representatives on the issues that need attention and collectively arriving at decisions that would directly be included in the budget of the government. Participatory budgeting empowers the citizens to present their demands and priorities for improvement and influence through discussions and negotiations the budget allocations made by their municipalities. It is an opportunity in which the common citizens can decide about the allocation and distribution of public expenditure in their areas or regions.

**39.** According to the preamble of Indian Constitution, India is a Sovereign, Socialist, Secular and Democratic republic. Capitalism and free trade is not enshrined in the preamble of the Indian constitution.

**40.** The Cabinet mission arrived on March 24, 1946. The objective of this mission was to: · Devise a machinery to draw up the constitution of Independent India. · Make arrangements for interim Government. · Thus the mission was like a declaration of India's independence. · British Government was to supervise the affairs of the constituent Assembly, was not the aim of the mission.

**41.** Every state in India does not have a separate High Court .The constitution provides that parliament may by law establish a common High Court for two or more states and a Union Territory.

**42.**

**43.**

**44.**

**45.**

**46.** Mushrooms are not able to manufacture their own food. A mushroom is the fleshy, spores having fruiting body of fungi. It is heterotroph

**c.**

**47.** Chloramphenicol affects bacteria which are resistant to all other medicine.

Chloramphenicol is a prototypical broad spectrum bacteria killing drug.

**48.** Sun is the primary source of vitamin-

**D.** The body can synthesise vitamin-D itself in presence of sunlight. Vitamin-D is soluble in fat and assists the body to absorb calcium. Its deficiency can cause osteoporosis.

**49.** Silver foil is manufactured from metal that is non biodegradable. Woollen mat, leather bag and jute basket are biodegradable because they are manufactured from natural materials.

**50.** Progeria (pro means prior; geri means ageing) causes early ageing and the death of child occurs at the age of 12-13 years. It is a progressive genetic disease and created due to the mutation in the LMNA gene.

**51.** Bats can fly in dark because they create ultrasonic waves. The bats have very poor vision. It cannot see in dark. It produces ultrasonic waves striking with the obstacles present on its path. The bat receives its echo and changes its path to protect itself from collision with any thing.

**52.** Exposure to microgravity in the environment of space induces astronauts to lose calcium from bones. This loss takes place due to absence of 'Earth gravity' which disrupts the process of bone maintenance. This calcium is excreted out with urine.

**53.** Heparin is an anticoagulant (blood thinner) that prevents the blood clotting. It is applied to cure and prevent blood clots in the veins, arteries, or lungs.

**54.** Marchantia belongs to group bryophytes. In bryophytes plants absorb water through general body surface and other substances also. Bryophytes lack xylem and phloem Marsilea and fern belong to group pteridophytes having xylem tissue for transport of water. Cycas belongs to gymnosperm also having xylem.

**55.** All enzymes are protein by composition but all proteins are not enzymes.

**56.** Beri-beri is not insect borne disease. It is caused by the deficiency of vitamin-B1 or thiamine.

**57.** According to Bloomberg LP, an American company, the economy of USA is fallen. Instead, Brazil, India, China have emerged as investor-friendly nations.

**58.** The lower growth of coal production in India during 2011-2012 was primarily due to environmental regulations and Off-take suffered heavily in most of the coal fields due

to excessive rainfall in August/September 2011.

**59.** a Total fixed costs are constant, so the average fixed cost curve diminishes with the output. Thus, the average fixed cost curve is a rectangular hyperbola.

**60.** Inclusive growth is a phrase used in India for 11th (2007-2012) and 12th (2012-2017) Five year plans.

**61.** Capital receipts and payments do not form part of current account of Balance of Payment.

**62.**

**63.**

**64.**

**65.**

**66.**

**67.**

**68.**

**69.** The partition of Bengal took place on 16 October 1905. The Chauri Chaura incident occurred at Chauri Chaura in the Gorakhpur district of the United Province, British India on 5 February 1922. The first Round table conference was opened officially by King George V on November 12, 1930 in London.

**70.** Ryotwari System was introduced by Thomas Munro in 1820. In this System, the ownership rights were handed over to the peasants. British Government collected taxes directly from the peasants.

**71.** Gandhi Ji was the preeminent leader of Indian independence movement in British-ruled India. He led various movements such as Champaran and Kheda Satyagraha, Khilafat movement, Non-cooperation movement, Quit India Movement etc.

**72.** The Nehru-Liaquat pact was signed between India and Pakistan in 1950 to resolve the issues of protection of minorities.

**73.** Rabindranath Tagore was Asia's first Nobel Laureate who won the Nobel Prize for Literature in 1913 for his creation of Gitanjali. The Jallianwala Bagh Massacre happened in Amritsar on 13 April 1919 in which Brigadier-General Reginald Dyer ordered British, Indian Army soldiers to open fire on an unarmed gathering of men, women and children. Thousands of people were killed in this massacre. Tagore renounced the knighthood that he had received in 1915.

**74.** Reforms of Raja Ram Mohan Roy: • Crusaded against social evils like sati, polygamy and child marriage etc. • Demanded property inheritance rights for

women. • Supported induction of western learning into Indian education. He is best known for his efforts to abolish the practice of sati, the Hindu funeral practice in which the widow was compelled to sacrifice herself on her husband's funeral pyre in some parts of the then Bengal.

**75.** Doctrine of lapse, in Indian history, formula devised by Lord Dalhousie, governor-general of India (1848-56), to deal with questions of succession to Hindu Indian states. According to 'Doctrine of Lapse', if any ruler of a protected state died without a natural heir, the states' authority will pass to the English East India Company. Annexation in the absence of a natural or adopted heir was enforced in the cases of Satara (1848), Jaitpur and Sambalpur (1849), Baghat (1850), Chota Udaipur (1852), Jhansi (1853), and Nagpur (1854).

**76.** The British tried to curb Bengali influence on the national **list** movement and also introduced a new form of division based on religion to create challenges for the Indian National Congress, which was slowly becoming the main opponent to British rule.

**77.** Hieun Tsang was a Chinese Buddhist monk who visited the kingdom of Harshvardhan and Kumar Bhaskar Varma.

**78.** Gandhiji had full trust in their bonafides and considered them most valued and respected leaders.

**79.** Mahavira was not the founder and author of Jain religion but simply a reformer. This sect of the Nigranthas was an important sect at the rise of Buddhism. This may be inferred from the fact that they are frequently mentioned in the pitakas as opponents of Buddha and his disciples. This conclusion is further supported by another fact. Mankkhal Gosala, a contemporary of Buddha and Mahavira divided mankind into six classes, of these the third class contained the Nigranthas. Hence, statement II is not the correct explanation of statement I.

**80.** Mansabdari was a system of army and civil services introduced by Akbar in place of the Jagirdari system. The 'Mansab' is an Arabic word meaning rank or position or status of a person. During the early reign of Akbar, the lowest grade was ten and the highest was 5000. Akbar introduced the rank of 'Zat' and 'Sawar' in the Mansabdari system.

**81.** The Gandhi-Irwin Pact was signed by Mahatma Gandhi and Lord Irwin on 5 March

1931 before the second Round Table Conference in London. One of the proposed conditions is Discontinuation of the civil disobedience movement by the Indian National Congress.

**82.** At the outbreak of the World War II, the Viceroy proclaimed India's involvement without prior consultations with the main political parties. When Congress demanded an immediate transfer of power in return for cooperation of the war efforts, the British government refused. As a result Congress resigned from power in all the provinces.

**83.** In 1809, he wrote his famous work 'Gift to Monotheists' in Persian, in which he put forward weighty arguments against belief in many gods and for the worship of a single God. Ram Mohan Roy insisted on applying rationalism to Christianity too, particularly to the elements of blind faith in it. In 1820, he published his 'Precepts of Jesus' in which he tried to separate the moral and philosophic message of the New Testament, which he praised, from its miracle stories.

**84.** After Russian Revolution many left groups and trade unions were formed in India on the ideologies of Marxism or communism. Labour Swaraj Party, Congress Labour Party, Kirti Kisan Party, Labour Kisan Party of Hindustan were based on communism ideology. By 1928, all these provincial parties were knitted into an all India organization named Workers and Peasants Party (WPP) .

**85.** The shaded area in the map is major cotton producer states in India. Cotton producing states in India are Gujarat, Maharashtra, Andhra Pradesh, Karnataka, Tamil Nadu etc.

**86.** Deserts usually have a large diurnal and seasonal temperature range, with high daytime temperatures (in summer up to 45 °C or 113 °F), and low night-time temperatures (in winter down to 0 °C; 32 °F) due to extremely low humidity. Clouds does not precipitates in deserts due to low humidity.

**87.** The southeast trade winds in the southern hemisphere and the northeast trade winds in the northern hemisphere meet each other near the equator. The meeting place of these winds is known as the Inter-Tropical Convergence Zone (ITCZ). In the month of July, the ITCZ shifts to 20° - 25° N latitude and is located in the Indo-Gangetic Plain and the South-West monsoons blow from the

Arabian Sea and the Bay of Bengal. ITCZ is the zone of clouds and heavy rainfall.

**88.** The Suez Canal connects the Mediterranean Sea and the Red Sea. It allows ships to travel between Europe and South Asia.

**89.** The bolívar fuerte is the currency of Venezuela.

**90.** Hurricanes begin as tropical disturbances in warm ocean waters with surface temperatures of at least 80 degrees Fahrenheit (26.5 degrees Celsius).

**91.** An epiphyte is a plant that grows harmlessly upon another plant (such as a tree), and derives its moisture and nutrients from the air, rain. Epiphytes provide a rich and diverse habitat for other organisms including animals, fungi, bacteria etc. Selvas is found in South America. Savanna is a rolling grassland scattered with shrubs and isolated trees, which can be found between a tropical rainforest and desert biome. Savanna is found in Africa, South America, India, and Australia. Tundra is type of biome where the tree growth is hindered by low temperatures and short growing seasons. Tundra is the coldest of all the biomes. The vegetation is composed of dwarf shrubs, sedges and grasses, mosses, and lichens. Tropophytosis a kind of plant adapted to climatic conditions in which periods of heavy rainfall alternate with periods of drought. It grows in monsoon land.

**92.** In the given condition, difference between seasons will be reduced.

**93.** Red soils are very poor in lime, humous and potash.

**94.** Biomass is a renewable energy resource derived from the carbonaceous waste of various human and natural activities. It can be derived from numerous sources as agricultural crops, household waste and wood etc.

**95.** A continually rising air pressure is an indication of fine and settled weather, and a steadily falling tendency in the barometer foretells the advent of unsettled and cloudy weather.

**96.** The reason for the decrease of per capita holding of cultivated land is: Population is growing very fast in India and practice of dividing land equally among the heirs goes on. Hence, family land is inherited by the heirs equally. Each heir has the legal right to demarcate and subdivide his inheritance.

**97.** The tributaries of Brahmaputra from east to west - Tista, Subarnsiri, Lohit, and Dibang. Tista is said to be the lifeline of Sikkim, the Subansiri River is a tributary of the Brahmaputra River in Assam and Arunachal Pradesh, and the Tibet Autonomous Region of China. Lohit River flows in Arunachal Pradesh. Dibang River flows through the northeast states of Arunachal Pradesh and Assam.

**98.** Spring tides occur twice each lunar month all year long without regard to the season. Neap tides, which also occur twice a month happen when the sun and moon are at right angles to each other. During full or new moons-which occur when the earth, sun, and moon are nearly in alignment-average tidal ranges are slightly larger.

**99.** Red soils develop in a warm, temperate, wet climate under deciduous forests and have thin organic and mineral layers overlying a yellowish-brown leached layer resting on red layer made of iron oxide (ferric oxide). Red soils generally form from iron-rich sediments. They are usually poor growing soils, low in nutrients and humus and difficult to cultivate.

**100.**

**101.** Stalagmite is a conical mineral deposit, usually calcite or aragonite, built up on the floor of a cavern, formed from the dripping of mineral-rich water.

**102.** The correct match is as follows:  
Summer Solstice- 21st June Winter solstice- 22nd December Vernal Equinox- 21st March Autumnal Equinox- 23rd September June 21 is called the summer solstice in the Northern Hemisphere. In the Northern Hemisphere, the winter solstice occurs either December 21 or Vernal Equinox is the time when the sun crosses the plane of the earth's equator, making night and day of approximately equal length all over the earth and occurring about March. The Autumn Equinox is the first day of the autumn season and occurs when the sun passes the equator moving from the northern to the southern hemisphere. It occurs on 23 September.

**103.**

**104.**

**105.** The Lyngdoh Committee was set up by the Ministry of Human Resource Development (MHRD) in 2006 as per the direction of the Supreme Court to reform students' union elections and to get rid of money and muscle power in student politics.

**106.** Aruna Roy is an Indian political and social activist who founded and heads the Mazdoor Kisan Shakti Sangathan. She served as a civil servant in the Indian Administrative Service between 1968 and 1974. She was a leader of the Right to Information movement through National Campaign for People's Right to Information which led to the enactment of the Right to Information Act in 2005.

**107.** Herta Müller is a German novelist, poet, essayist and recipient of the 2009 Nobel Prize in Literature.

**108.**

**109.** The Russian Sukhoi T-50 PAK-FA stealth fighter is a fifth-generation combat aircraft such as the Lockheed Martin F-22 Raptor and F-35 Joint Strike Fighter. It has the ability to super cruise or operate at speeds beyond the sound.

**110.**

**111.** The first UN armed force was established to create a buffer between Israeli and Egyptian forces in the Sinai. The first all women contingent in peacekeeping mission, a former Police Unit from India, was deployed in 2007 to the UN Operation in Liberia.

**112.** France and Britain pressed for agreement on a no-flight zone, while Germany and Russia opposed the measure. The Libyan crisis dominated the first meeting of France's Group of Eight presidency but Germany and Russia blocked flight restrictions sought also by Britain. On March 17 Security Council Resolution 1973 authorized the use of "all necessary measures" short of an invasion and occupation of Libya" to protect civilians and civilian-populated areas" - the first UNSanctioned combat operations since the 1991 Gulf War.

**113.** The 'Lockheed C-5 Galaxy' is a large military transport aircraft originally designed and built by Lockheed and now maintained and upgraded by its successor Lockheed Martin. The C-5 Galaxy has been operated by USAF since 1969. In that time, it has been used to support US military operations in all major conflicts including Vietnam, Iraq, Yugoslavia and Afghanistan.

**114.** Farkhor Air Base is a military air base located near the town of Farkhor in Tajikistan. It is operated by the Indian Air Force in collaboration with the Tajikistan Air Force.

**115.** Some atheists, sceptics, and others have referred to 25 December as Newtonmas,

a tongue-in-cheek reference to the major Christian cultural holiday of the same date. Celebrants send cards with "Reason's Greetings!" printed inside, and exchange boxes of apples and science-related items as gifts. The celebration may have had its origin in a meeting of the Newton Association at Christmas 1890 to talk, distribute gifts and share laughter and good cheer. The name Newtonmas can be attributed to the Skeptics Society, which needed an alternative name for its Christmas party. '25th December' is the birthday of Isaac Newton.

**116.** July 12 was declared Malala Day by United Nations.

**117.** This is Nadal's 8th French open Men's single title.

**118.** At this meeting, Australia took over as Chair of the Association from India which had been Chair since 2011.

**119.** Marrakesh Treaty was signed to Facilitate Access to Published Works by Visually Impaired Persons and Persons with Print Disabilities. It is signed on 28 June 2013. India ratified the treaty on 24 July 2014 and was the first country to do so.

**120.** In June 2014, China invited India to participate in the founding of the bank. On October 24, 2014, a signing ceremony held in Beijing formally recognized the establishment of the bank. Twentyone countries signed the Memorandum of Understanding (MoU). India is one of them. The bank is headquartered in Beijing, China.

## Q