

**UPSC Prelims Mock Test: 12**

**1. Consider the following statements.**

1. The amount of nutrients, such as carbon, nitrogen, phosphorus and calcium present in the soil varies in different kinds of ecosystems and also on a seasonal basis.
2. Biogeochemical cycles are always gaseous in nature.
3. Environmental Factors like soil, moisture, pH and temperature regulate the rate of release of nutrients into the atmosphere.

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

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

**2. Which of the following are considered as 'Ecosystem Services'?**

1. Pollination of crops
2. Prevention of soil erosion
3. Water purification
4. Decomposition of wastes
5. Climate Regulation

**Select the correct code:**

- a) 1, 2, 3, 4
- b) 2, 3, 4, 5
- c) 1, 3, 4, 5
- d) 1, 2, 3, 4, 5

**3. Which of the following were the goals of the planning system in India between 1950-1990?**

1. Export promotion
2. Industrialization
3. Self-reliance
4. Equity

**Select the correct answer code:**

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

**4. Consider the following statements about Marginal Standing Facility (MSF).**

1. It is the penal rate at which banks can borrow money from the central bank over and above what is available to them through the Liquidity Adjustment Facility (LAF) window.
2. Here banks can borrow funds by pledging government securities within the limits of the statutory liquidity ratio.
3. At present MSF is 1 percent above the repo rate.

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

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

**5. India's wetlands have been grouped into different categories. These include**

1. Freshwater marshes of the Gangetic Plain
2. The floodplains of the Brahmaputra
3. The lakes and rivers of the montane region of Kashmir and Ladakh
4. Mangrove forests of Andaman and Nicobar Islands

**Select the correct answer code:**

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

**6. Consider the following statements about earthquakes**

1. The point where the energy is released is called the epicenter.
2. The energy waves travelling in different directions reach the surface. The point on the surface, nearest to the epicenter, is called hypocenter.

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

- a) 1 only
- b) 2 only
- c) Both
- d) None

**7. Consider the following statements with reference to Dharwar System of rocks.**

1. These rocks belong to Pre-Cambrian Period
2. These are mainly igneous in origin
3. These are rich in iron and manganese ores

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

- a) 1, 3
- b) 2 Only
- c) 2, 3
- d) None

**8. Consider the following statements about Mountains**

1. Block Mountains are created when large areas are broken and displaced vertically.
2. The uplifted blocks are termed as graben and the lowered blocks are called horsts.
3. The Aravalli range in India is one of the oldest block mountain systems in the world.

**Which of the above statements is/are incorrect?**

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

**9. Consider the following statements about Polar vortex.**

1. The polar vortex is a large area of high pressure and cold air surrounding the Earth's North and South poles.
2. The polar vortex spins in the stratosphere.
3. During winter in the Northern Hemisphere, the polar vortex will become less stable, sending cold Arctic air southward over the United States.

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

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

**10. Consider the following statements about Dew point.**

1. Dew point is the temperature at which the atmosphere is saturated with water vapour.
2. The dew point gives an indication of the humidity.
3. A higher dew point means there will be less moisture in the air.

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

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

**11. Consider the following statements.**

1. Examples of areas where primary succession occurs are abandoned farm lands, burned forests and lands that have been flooded.
2. Primary succession is faster than secondary succession.
3. Presence of soil makes the succession faster.

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

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

**12. Consider the following statements.**

1. The numbers and types of animals and decomposers remains constant during ecological succession.
2. At any time during primary or secondary succession, natural or human induced disturbances always discourage or eliminate some species.

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

- a) 1 only
- b) 2 only
- c) Both
- d) None

**13. Reserve Tranche is the economic term used in the context with**

- a) World Bank
- b) World Trade Organisation
- c) Reserve Bank of India
- d) International Monetary Fund

**14. Reserve bank of India (RBI) can print hard currency to meet fiscal deficit at exceptional circumstances. Why RBI doesn't take such kind of measure?**

- a) RBI has to take permission from President to print currencies, which is cumbersome process.
- b) There is no provision in Reserve Bank of India Act, 1935 to print currency to meet deficit.
- c) RBI has to oblige the norms of International Monetary Fund, while meeting deficit.
- d) Printing of hard currency to meet deficit may cause hyperinflation

**15. Which of the following are released by Central Statistics Office (CSO)?**

1. Index of Industrial Production (IIP)
2. CPI(Rural)
3. CPI for Industrial workers CPI(IW)
4. Wholesale Price Index (WPI)

**Select the correct answer code:**

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

**16. Consider the following statements regarding Tropical Thorn Forests.**

1. Tropical thorn forests occur in the areas which receive rainfall less than 50 cm.
2. In these forests, plants remain leafless for most part of the year.
3. Important species found are mahua, amla, semul and kusum.

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

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

**17. Consider the following statements regarding Shale Gas**

1. It refers to natural gas stored underground in fine grained sedimentary rocks.
2. Hydraulic fracturing process can be used to extract shale gas.

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

- a) 1 only
- b) 2 only
- c) Both
- d) None.

**18. Which of the following explains why one side of a mountain usually has more precipitation than the other side?**

- a) The land on one side is greener and lushier than the other
- b) Temperatures are higher on one side of a mountain than on the other
- c) The atmosphere gets denser as elevation increases
- d) Mountains force air to rise, and air cools and releases moisture as it rises

**19. The Global Environment Facility (GEF) serves as a financial mechanism for which of the following conventions?**

1. Convention on Biological Diversity (CBD)
2. Convention on the International Trade in Endangered Species of Wild Flora and Fauna (CITES)
3. UN Convention to Combat Desertification (UNCCD)
4. Montreal Protocol on Substances that Deplete the Ozone Layer

**Select the correct code:**

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

**20. Consider the following statements regarding Small Finance Banks (SFB's).**

1. SFB's cannot lend to big corporates
2. SFB's cannot invest in mutual funds or insurance products.
3. It lends 75% of their total adjusted net bank credit to priority sector.

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

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

**21. Consider the following statements about Intertropical Convergence Zone (ITCZ).**

1. ITCZ is also known as doldrums.
2. ITCZ is an area encircling the Earth near the Equator, where the northeast and southeast trade winds converge.
3. ITCZ has no effect on tropical cyclone formation.

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

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

**22. Consider the following statements regarding foot loose industries.**

1. Foot loose industries can be located in a wide variety of places.
2. They largely depend on component parts which can be obtained anywhere
3. These industries are generally non-polluting industries.

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

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

**23. The composting process is dependent on which of the following micro-organisms?**

1. Bacteria
2. Fungi
3. Virus
4. Actinobacteria

**Select the correct code:**

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

**24. Consider the following statements regarding Tropical Deciduous Forests.**

1. They are also called the monsoon forests.
2. Moist deciduous forests are found in the north-eastern states along the foothills of Himalayas and eastern slopes of the Western Ghats.
3. Teak, sal and sandalwood are the main species of Moist deciduous forests.

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

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

**25. Consider the following statements.**

1. Cyclones originate at the area of low pressure, while anticyclones originate at high pressure area.
2. Cyclones direction is anticlockwise in southern hemisphere, while anticyclones take anti-clockwise direction in the same hemisphere.
3. Cyclones brings stability in the atmosphere, while anticyclones bring instability in the prevailing region.

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

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

**26. Consider the following statements about Regional Rural Banks (RRBs).**

1. Regional Rural Banks were set up on the basis of the recommendations of Vijay Kelkar committee.
2. The larger shareholder of regional rural banks is the Central Government.
3. RRBs are under the ambit of priority sector lending on par with the commercial banks.

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

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

**27. Consider the following statements regarding Soil Erosion.**

1. Sheet erosion takes place on level lands after a heavy shower and is harmful since it removes the finer and more fertile top soil.
2. Gully erosion is common on steep slopes which leads to level lands fit for cultivation.

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

- a) 1 only
- b) 2 only
- c) Both
- d) None

**28. With reference to ecosystem service, which of the following are the examples of regulating services?**

1. Carbon sequestration
2. Hydrological cycle
3. Ensuring genetic diversity
4. Provision of natural medicines

**Select the correct answer code:**

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

**29. Consider the following statements about Ethanol.**

1. In India, ethanol is produced from sugarcane only.
2. It allows the engine to more completely combust the fuel.
3. Ethanol is considered as non-renewable fuel.

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

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

**30. Which of the following are the possible implications when a country adopts negative rate policy.**

1. Increases borrowing costs.
2. Help weaken a country's currency rate by making it a less attractive investment than that of other currencies.
3. Boosts Inflation

**Select the correct answer code:**

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



**31. Like tropical cyclones, Tornados also cause devastating effect on life and material property. How tornedos are different from tropical cyclones?**

1. Tornadoes originate over land, while cyclone originate on water.
2. Tornadoes forms on relatively larger area than tropical cyclone.
3. Tornadoes mostly occur in middle latitude, while tropical cyclone occurs in 5 to 25 degree north south latitude.

**Select the correct answer code:**

- a) 1 only
- b) 2 only
- c) 1, 3
- d) None of the above

**32. Tropical monsoon type of climate feeds about 50% of Asia. Which of the following regions in the world have this type of climate?**

1. Central America
2. West coast of Europe
3. Western parts of South America
4. East coast of Africa

**Select the correct answer code:**

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

**33. Consider the following statements.**

1. Headline inflation is a measure of inflation within an economy, including commodities which tend to be more volatile and prone to inflationary spikes.
2. Headline inflation present an accurate picture of an economy's inflationary trend since sector-specific inflationary spikes persist.
3. Headline CPI inflation measure is being used by RBI as the target rate of inflation.

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

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

**34. Which of the following are part of capital receipts for the Government of India.**

1. Loans raised by Government from RBI and public
2. Dividend on investments made by Government
3. Disinvestment receipts
4. Borrowings by Government through sale of Treasury Bills

**Select the correct code:**

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

**35. Consider the following statements regarding Alluvial Soils.**

1. Khadar deposited by floods depletes the soil quality by depositing silts.
2. Bhangar is deposited away from the flood plains.
3. These soils are loamier and more clayey and also have sand contents in them.

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

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

**36. In which of the following, there are high chances of interacting species living closely together?**

1. Mutualism
2. Competition
3. Parasitism
4. Predation
5. Commensalism
6. Amensalism

**Select the correct answer code:**

- a) 1, 2, 3, 4
- b) 3, 4, 5
- c) 2, 3, 4, 5, 6
- d) 1, 2, 4, 6

**37. Which of the following are the favorable conditions for coral reef formations?**

1. Shallow continental shelf
2. High sediments in the water
3. Areas where fresh waters from rivers enter oceans
4. Mean annual temperatures should be between 22 – 29-degree C.

**Select the correct answer code:**

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

**38. Consider the following statements.**

1. Investments through the FDI route are strategic in nature, and meant for the long term.
2. FDI investors also get a say in the management of the investee company, including board seats.
3. FDIs and FPIs can invest in both listed and unlisted securities.

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

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

**39. Which of the following are an ecotone?**

1. Mangroves
2. Grassland
3. Forest
4. Estuary
5. Coral Reef

**Select the correct answer code:**

- a) 1, 2, 3
- b) 1, 2, 4
- c) 2, 3, 4, 5
- d) 1, 3, 4, 5

**40. Consider the following statements regarding carrying capacity of a biological species in an environment.**

1. The carrying capacity is the number of individuals an environment can support without significant negative impacts to the given organism and its environment.
2. Below carrying capacity, populations typically decrease, while above, they typically increase.
3. The carrying capacity of an environment may vary for different species and may change over time.

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

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

**41. Consider the following statements:**

1. Garo and Khasi hills are extensions of Purvanchals in Meghalaya forming water divide between Brahmaputra and Barak River.
2. Rajmahal Hills are formed from rocks dating from the Jurassic Period and named after the town of Rajmahal which lies to the east in the state of Jharkhand.

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

- a) 1 only
- b) 2 only
- c) Both
- d) None

**42. 'Twin Balance Sheet Syndrome', often in news, is**

- a) Balance sheets of both public sector banks and public sector enterprises which are in terrible in shape.
- b) Balance sheets of Union and state governments with high fiscal deficit.
- c) Balance sheets of both public sector banks (PSBs) and some corporate houses which are in terrible shape
- d) Looming fiscal and current account deficit of Indian economy

**43. Consider the following statements.**

1. Bank rate is the minimum rate set by the Reserve Bank of India below which banks are not allowed to lend to its customers.
2. Higher bank rate will translate to higher lending rates by the banks.
3. In order to curb liquidity, the central bank can resort to raising the bank rate and vice versa.

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

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

**44. Consider the following statements.**

1. During the day time the intensity of tides is always uniform along the coastline.
2. The position of both the sun and the moon in relation to the earth has direct bearing on tide height.
3. Neap tides occur when the sun, the moon and the earth are in a straight line.

**Which of the above statements is/are incorrect?**

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

**45. With reference to the temperate cyclones, which of the following statements is/are correct?**

1. They flow in west to east direction.
2. They often come under the influence of westerlies.
3. They have swift and unpredictable movement.
4. Western disturbances in India are due to temperate cyclone.

**Select the correct answer code:**

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

**46. Which of the following factors can lead to Demand-pull inflation?**

1. Strong consumer demand
2. Increase in money supply
3. When prices go up
4. Technological innovation

**Select the correct code:**

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

**47. Which one of the following places is located at the confluence of Alaknanda and Bhagirathi**

- a) Vishnuprayag
- b) Devaprayag
- c) Rudraprayag
- d) Karnaprayag

**48. Consider the following statements about Agenda 21**

1. Agenda 21 is a non-binding action plan of the United Nations with regard to sustainable development.
2. It is a product of the Earth Summit (UN Conference on Environment and Development) held in Rio de Janeiro, Brazil, in 1992.
3. The “21” in Agenda 21 refers to 21 points agreed upon by the member countries to achieve sustainable development.

**Select the correct answer code:**

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

**49. Consider the following statements:**

1. Biodiversity is normally greater in the lower latitudes as compared to the higher latitudes.
2. Along the mountain gradients, biodiversity is normally greater in the lower altitudes as compared to the higher altitudes.

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

- a) 1 only
- b) 2 only
- c) Both
- d) None

**50. Balance of Payment is a statistical statement that shows**

1. Export and import of visible and invisibles
2. Capital expenditure and income for a country.
3. Net flow of both private and public investment into an economy.

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

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

**51. Consider the following statements:**

1. The health of coral zones determines the abundance of some shark species
2. Warm waters result in coral bleaching
3. When a coral bleaches, it is dead

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

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

**52. Consider the following statements:**

1. The soil develops on crystalline igneous rocks in areas of low rainfall.
2. They are generally poor in nitrogen, phosphorous and humus.
3. They are fertile when fine-grained and are poor in fertility when they are coarse-grained.

**The above statements refer to:**

- a) Laterite soil
- b) Black Soil
- c) Red and Yellow Soil
- d) None of the above

**53. The general rise in Gini Coefficient may indicate**

- a) Government policies are not inclusive and benefitting rich more than poor
- b) Increasing foreign exchange reserves due to high export potential.
- c) Budget surplus in consecutive financial years.
- d) Government policies are inclusive and benefitting the disadvantaged groups.

**54. Which of the following measures is/are examples of expansionary fiscal policy?**

1. Decrease in tax rate
2. Increase in pensions
3. Increase in unemployment compensation
4. Increase in tax rate.

**Select the correct answer codes:**

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

**55. Consider the following statements.**

1. The Coromandel Coast stands between Western Ghats and Arabian Sea.
2. Doddabetta is the highest peak in the southern peninsula.
3. Palghat Pass is located between the Nilgiri Hills to the north and Annamalai Hills to the south.

**Which of the above statements is/are incorrect?**

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

**56. Consider the following statements about Bioaerosols**

1. Bioaerosols can be formed from fungi and bacteria only.
2. Plants, soil, water, animals and humans all serve as sources of bioaerosols.
3. With higher humidity, higher bioaerosol levels can prevail.

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

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

**57. Consider the following statements regarding Eutrophication.**

1. Eutrophication is when a body of water becomes overly enriched with minerals and nutrients which induce excessive growth of algae and in turn, increases water quality.
2. Increase of phytoplankton in a water body is the response to increased levels of nutrients.

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

- a) 1 only
- b) 2 only
- c) Both
- d) None

**58. Which of the following currents are cold currents**

1. Humboldt Current
2. California Current
3. North Atlantic Drift
4. Benguela Current

**Select the correct codes:**

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

**59. Consider the following pairs:**

Terms	Their origin
1. Annex—I Countries	: Cartagena Protocol
2. Certified Emissions Reductions:	Nagoya Protocol
3. Clean Development Mechanism:	Kyoto Protocol

**Which of the pairs given above is/are correctly matched?**

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



**60. Which of the following belong to the category of primary air pollutants?**

1. Sulphur dioxide
2. Ozone
3. Carbon monoxide
4. Nitric oxide
5. Fine dust particles
6. Formaldehyde

**Select the correct using the code given below:**

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

**61. The relationship between Cattle Egrets and livestock is an example of**

- a) Commensalism
- b) Parasitism
- c) Mutualism
- d) Amensalism

**62. Consider the following statements.**

1. It is India's largest inland Salt Lake
2. The lake receives water from Rupnagar and Khari Rivers.
3. It has been designated as a Ramsar site.

**The above refer to?**

- a) Bhimtal Lake
- b) Bhitarkanika Lake
- c) Sambhar Lake
- d) Chilika Lake

**63. Most parts of India do not have rainfall in the winter season, because**

1. The wind moves from land to sea.
2. Cyclonic circulation on land
3. They have little humidity

**Select the correct code:**

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

**64. Consider the following statements regarding World Bank Group.**

1. The International Bank for Reconstruction and Development (IBRD) lends to governments of middle-income and creditworthy low-income countries.
2. The Multilateral Investment Guarantee Agency (MIGA) is the largest global development agency focused exclusively on the private sector.
3. International Finance Corporation (IFC) promotes foreign direct investment into developing countries to support economic growth, reduce poverty, and improve people's lives.

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

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

**65. A foreigner is travelling by Air India from Delhi to Mumbai. What will this be considered as in terms of national income:**

- a) Import
- b) Domestic consumption
- c) Exports
- d) None of the Above

**66. Consider the following statements in respect of Trade Related Analysis of Fauna and Flora in Commerce (TRAFFIC):**

1. TRAFFIC is a bureau under United Nations Environment Programme (UNEP).
2. The mission of TRAFFIC is to ensure that trade in wild plants and animals is not a threat to the conservation of nature.

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

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

**67. Consider the following statements about Intergovernmental Panel on Climate Change (IPCC).**

1. It was created by the World Meteorological Organization (WMO) and the United Nations Environment Programme (UNEP).
2. IPCC scientists assess the scientific papers published each year to provide a comprehensive summary on climate change, its impacts and future risks.
3. The IPCC does not conduct its own research.

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

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

**68. Which of the following regions is known as 'Molasses Basin'?**

- a) Nagaland
- b) Manipur
- c) Mizoram
- d) Meghalaya

**69. With reference to India economy, consider the following:**

1. Bank rate
2. Open market operations
3. Public debt
4. Public revenue

**Which of the above is/are component/components of Monetary Policy?**

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

**70. Consider the following statements about Bank Rate.**

1. A rise in bank rate raises the deposit as well as lending rates in the economy.
2. Bank rate is purely a signaling rate and most interest rates are de-linked from the bank rate.

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

- a) 1 only
- b) 2 only
- c) Both
- d) None

**71. Which of the following is not a consequence of rupee depreciation?**

- a) Increase in the cost of imports
- b) Foreign trips will become costlier
- c) Exports will become competitive
- d) Reduction in remittances from abroad.

**72. Which of the following statements describes the Radial drainage pattern.**

- a) The drainage pattern resembling the branches of a tree
- b) When the primary tributaries of rivers flow parallel to each other and secondary tributaries join them at right angles
- c) When the rivers discharge their waters from all directions in a lake or depression
- d) When the rivers originate from a hill and flow in all directions

**73. With reference to Nitrogen Cycle, the biological oxidation of ammonia to nitrite takes place in which of the following process?**

- a) Assimilation
- b) Denitrification
- c) Ammonification
- d) Nitrification

**74. A 'willful default' would be deemed to have occurred if which of the following events.**

- 1. Defaulting in meeting its repayment obligations to the lender even when it has the capacity to repay.
- 2. Not utilizing the finance from the lender for the specific purposes for which finance was availed and diverting the funds for other purposes.
- 3. Disposed off the movable fixed assets or immovable property given for the purpose of securing a term loan without the knowledge of the bank.

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

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

**75. Consider the following statements about Keystone species.**

- 1. The top predators are considered as keystone species.
- 2. If keystone species are lost, it will lead to the degradation of whole ecosystem.
- 3. Plants cannot be Keystone species.

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

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

**76. Which of the following country(s) has/have recently proposed a Supply Chain Resilience in Indo-Pacific initiative?**

- 1. United States of America
- 2. Japan
- 3. Australia

**Select the correct answer using the code given below:**

- a) 1 only
- b) 2 and 3 only
- c) 3 only
- d) All of the above

**77. Consider the following statements regarding the Hypersonic Technology Demonstrator Vehicle of DRDO:**

1. The vehicle uses the air-breathing scramjet engine technology.
2. India is the first Asian country that has developed technologies to field fast-maneuvring hypersonic missiles.

**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

**78. Consider the following statements regarding the Blockchain technology:**

1. A blockchain is a centralized ledger of all transactions across a peer-to-peer network.
2. No participant can change or tamper with a transaction after it's been recorded to the shared ledger.

**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

**79. Which of the following institution has recently released the 'Ecological Threat Register' report?**

- a) Institute for Economics and Peace
- b) Intergovernmental Panel on Climate Change
- c) International Union for Conservation of Nature
- d) United Nations Framework Convention on Climate Change

**80. Which of the following is/are not covered by the definition of 'foreign source' under the Foreign Contribution (Regulation) Act, 2010?**

1. Government of any foreign country
2. International Monetary Fund
3. Intergovernmental Panel on Climate Change

**Select the correct answer using the code given below:**

- a) 1 and 2 only
- b) 2 and 3 only
- c) 1 and 3 only
- d) All of the above

**81. Consider the following statements regarding the Supersonic Missile Assisted Release of Torpedo (SMART):**

1. It is targeted to achieve Anti-Submarine Warfare (ASW) operations within the Torpedo range.
2. It has been developed by the Defence Research and Development Organisation (DRDO).

**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

**82. Which of the following is/are inherited blood disorders?**

1. Thalassemia
2. Sickle Cell Disease

**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

**83. Consider the following statements regarding the 'Moushik' microprocessor:**

1. Its applications include smart cards like credit and debit cards.
2. The design and fabrication have been done indigenously in India.

**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

**84. Which of the following country(s) is/are currently named as 'High-Risk Jurisdictions subject to a Call for Action' by the Financial Action Task Force (FATF)?**

1. Iran
2. North Korea
3. Pakistan

**Select the correct answer using the code given below:**

- a) 1 and 2 only
- b) 2 and 3 only
- c) 1 and 3 only
- d) All of the above

**85. Consider the following statements regarding the Amur Falcons:**

1. These migratory birds travel from Siberia to India before heading towards Africa in winter.
2. It listed as a Vulnerable species in the IUCN Red List.

**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

**86. Consider the following statements regarding the report 'Banking on Climate Change 2020':**

1. It has been released by Rainforest Action Network.
2. It notes that the total bank financing to fossil fuels industry has consistently reduced since the Paris Agreement of 2015.

**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

**87. Consider the following statements regarding the 'Integrated Govt. Online training' (iGOT) program:**

1. It is a training module for the capacity building of frontline workers to handle the COVID-19 pandemic efficiently.
2. The iGOT module has been launched on the DIKSHA platform of Ministry of Education.

**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

**88. Consider the following statements regarding Operation Greens (TOP to TOTAL) scheme:**

1. It aims to protect the growers of fruits and vegetables from making distress sale due to lockdown and reduce the post-harvest losses.
2. The Ministry of Food Processing Industries provides subsidy for transportation and hiring storage facilities for eligible crops.

**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

**89. The term 'technical recession' was in news recently, what does it mean?**

- a) GDP of a country increasing while global GDP is decreasing
- b) Economic output reducing for two consecutive quarters
- c) Increase in supply despite low demand in economy
- d) Economic output of manufacturing sector reducing while primary and tertiary sector keeps growing

**90. Which of the following is/are correctly matched?**

1. The State of Food Security and Nutrition in the World – Food and Agricultural Organization
2. Global Report on Food Crises – Food Security Information Network
3. Hunger Report 2020: Better Nutrition, Better Tomorrow – Bread for the World Institute

**Select the correct answer using the code given below:**

- a) 1 and 2 only
- b) 2 and 3 only
- c) 1 and 3 only
- d) All of the above

**91. Which of the following is/are type(s) of Intellectual Property?**

1. Industrial Designs
2. Music
3. Geographical Indications

**Select the correct answer using the code given below:**

- a) 1 and 2 only
- b) 2 and 3 only
- c) 1 and 3 only
- d) All of the above

**92. AlphaFold artificial intelligence program has been in news recently, what is its utility?**

- a) Predictions of protein structure
- b) Modeling of Solar system
- c) Simulating a potential pandemic situation after COVID-19
- d) Genome sequence development.

**93. Which of the following statement correctly defines the term Epigenetics?**

- a) Study of changes in heritable changes in gene expression due to change in DNA sequence
- b) Study of heritable changes in gene expression that do not involve changes to DNA sequence
- c) Genetic variation resulting in the several different forms of individuals in a single species
- d) Large-scale study of proteomes

**94. Which of the following organization has launched the Asia Pacific Vaccine Access Facility (APVAX)?**

- a) Asian Development Bank
- b) World Health Organisation
- c) Bill & Melinda Gates Foundation
- d) Shanghai Cooperation Organization

**95. Consider the following statements regarding Carbon Neutrality:**

1. It is achieved when anthropogenic CO<sub>2</sub> emissions are balanced by anthropogenic CO<sub>2</sub> removals over a specified period.
2. India has targeted to achieve Carbon Neutrality by 2050 as per its Intended Nationally Determined Contributions (INDCs).

**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

**96. Consider the following statements regarding the E-way bills:**

1. It is a mechanism to ensure that goods being transported comply with the GST Law.
2. For a distance of less than 200 Km the e-way bill is valid for a day from the bill generation.

**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



**97. Consider the following statements regarding the Sea Vigil-21 Exercise:**

1. It is a joint maritime Exercise between Indian and Australian naval forces.
2. The exercise will cover entire coastline and Exclusive Economic Zone of India.

**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

**98. What was the mandate of the B.N. Srikrishna Committee?**

- a) Data Protection Framework for India
- b) National Education Policy
- c) Doubling the Farmer's Income
- d) Reforms in Criminal Laws of India

**99. Where is Kholongchhu Hydroelectric Project located?**

- a) Bhutan
- b) Myanmar
- c) Tibet (China)
- d) Vietnam

**100. Consider the following statements regarding trends in Indian economy in pandemic year 2020-21:**

1. The Services sector have shown a positive growth rate despite the slowdown in economy.
2. The Agriculture, Forestry and Fishing sector is estimated to have negative growth rate.

**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