

# Educrat IAS Academy

## UPSC Prelims Mock Test: 11

### Answer Key

#### **1. Consider the following statements Nominal Gross Domestic Product:**

1. It is a measurement of economic output that doesn't adjust for inflation.
2. As per First Advance Estimates of National Income released by National Statistical Office, the nominal GDP of India is estimated to have positive annual growth during 2020-21.

#### **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

#### **2. Consider the following statements regarding the Wholesale Price Index (WPI):**

1. It is a monthly price index released by the National Statistical Office.
2. Services sector is not covered under the WPI.
3. Manufactured Products has highest weightage in the WPI.

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

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

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

1. Kalapani – Uttarakhand
2. Susta – Uttar Pradesh

#### **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

**4.What was the mandate of the P J Nayak Committee?**

- a) Review Governance of Boards of Banks in India
- b) Review of Payments and Settlements System of India
- c) Instruction of Small Banks and Payments Bank in India
- d) Review of Monetary policy framework of RBI

**5.What is the utility of the LiDAR technology?**

- a) Measuring distances
- b) Absorbing solar radiation
- c) Measuring pollutants in ambient air
- d) Measuring the luminosity

**6.Wallacea is a bioregion in which of the following country?**

- a) Indonesia
- b) Japan
- c) Australia
- d) Denmark

**7.Which of the following is/are potential advantages of crop diversification?**

1. Reduced economic uncertainty for cultivators
2. Makes crops more resistant to pests/diseases
3. Reduces the environmental degradation

**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

**8.Arrange the following from East to West.**

1. Mahadeo Hills
2. Malwa Plateau
3. Aravalli range

**Select the correct answer using the codes below.**

- a) 312
- b) 321
- c) 123
- d) 132

**9. Acidification of ocean can have a beneficial effect on**

1. Photosynthetic algae
2. Seagrasses
3. Deep sea corals

**Select the correct answer code:**

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

**10. Consider the following features in a drainage system.**

1. Interlocking spurs
2. Ox-bow lakes
3. River cliffs
4. Rapids and waterfalls

**Which of the above will be found in the middle course of the river system?**

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

**11. Consider the following statements regarding Atmosphere.**

1. 99% of earth's atmosphere is confined to the height of 320 km from earth's surface.
2. Hydrogen and Oxygen were the major constituents of early atmosphere.

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

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

**12. Consider the following statements.**

1. Maize requires moderate temperature, rainfall and lots of sunshine.
2. Cotton requires high temperature, light rainfall, and less than hundred frost-free days and bright sunshine for its growth.
3. Jute grows well on alluvial soil and requires high temperature, heavy rainfall and humid climate.

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

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

**13. Consider the following statements.**

1. Deltas are formed in low tide regions, whereas Estuaries are formed in high tide region with rift valleys.
2. Estuaries are usually more fertile than delta regions.
3. Delta region continuously interacts with the ocean unlike estuaries which does not.

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

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

**14. Consider the following statements regarding Ocean Currents.**

1. Ocean currents are not greatly influenced by Coriolis force.
2. The oceanic circulation pattern roughly corresponds to the earth's atmospheric circulation pattern.
3. In the southern hemisphere, the air circulation over the oceans in the middle latitudes is mainly cyclonic.

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

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

**15. High concentration of Teak and Sal forest are found in which topographic region**

- a) Western Ghats
- b) Eastern Ghats
- c) Central Highland
- d) Aravalli

**16. Consider the following statements:**

1. Roaring forties are the westerlies, lies between 40° and 50° latitude in Southern hemisphere.
2. Horse latitudes are the low pressure and low temperature zone in 25-35 north and south latitude.

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

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

**17. Consider the following statements.**

1. They are found in hills of the northeastern region and the Andaman and Nicobar Islands.
2. These forests are well stratified.
3. Species found in these forests include rosewood, mahogany, aini and ebony.

**The above statements refer to**

- a) Montane Forests
- b) Littoral and Swamp Forests
- c) Moist Deciduous Forests
- d) Tropical Evergreen Forests

**18. Which of the following are the examples of footloose industries?**

1. Mobile manufacturing
2. Diamond processing
3. Iron and Steel Industry
4. Computer chips industries
5. Cement industry

**Select the correct answer code:**

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

**19. Brahmaputra River is often flooded in India, but not in Tibet. What can be the possible causes for it?**

1. In India it passes through a region of high rainfall, while Tibet is a dry cold area.
2. Brahmaputra is marked by huge deposits of silt on its bed causing the river bed to rise.

**Select the correct answer code:**

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

**20. 'Podzolization' leading to podzolic soils is a phenomenon most noticed in which of these forest types?**

- a) Equatorial Moist Evergreen Forest
- b) Mediterranean Forests
- c) Boreal forests
- d) Tundra vegetation

**21. Consider the following statements regarding Alluvial soils.**

1. Alluvial soils are suitable for the growth of sugarcane, paddy and pulse crops.
2. Alluvial soils contain adequate proportion of potash, phosphoric acid and lime.

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

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

**22. If the elliptical orbit of earth around the Sun changes to a circular orbit, which one among the following may result in that situation?**

- a) It would not make any difference to earth, its atmosphere and temperature.
- b) All gases on earth will escape.
- c) The Earth will suddenly become very cold and uninhabitable.
- d) The difference between seasons may be changed.

**23. Consider the following statements regarding 'Savanna Climate'.**

1. It is characterized by an alternate hot, rainy season and cool, dry season.
2. Majority of the areas have lateritic soils which support good crops.
3. The Hausa tribes are found here.

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

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

**24. Consider the following statements regarding Peninsular Rivers.**

1. The Peninsular rivers have shorter and shallower courses as compared to their Himalayan counterparts.
2. A large number of the Peninsular rivers are seasonal.
3. Peninsular rivers carry much larger silt as compared to Himalayan rivers which carry fresh water.

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

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

**25. Consider the following matches of rivers with their origin locations.**

1. Sabarmati: Amarkantak
2. Brahmaputra: Kailash Range
3. Krishna: Mahabaleshwar
4. Godavari: Trimbakeshwar

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

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

**26. Which of the following rivers drain into Bay of Bengal?**

1. Mahi
2. Penner
3. Subarnarekha
4. Tapti

**Select the correct answer code:**

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



**27. Which of the following are Tropical Grasslands?**

1. Savanna
2. Campos
3. Prairie
4. Llanos
5. Steppe

**Select the correct answer code:**

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

**28. The Agreement on Trade-Related Investment Measures (TRIMs), is related to**

- a) Current Account Convertibility
- b) Domestic regulations a country applies to foreign investors
- c) Most-favoured Nation principle
- d) Duty free International market access to developing countries

**29. Consider the following statements regarding Special Drawing Right (SDR).**

1. The SDR is an international reserve asset, created by the IMF to supplement its member countries' official reserves.
2. The value of the SDR is based on a basket of currencies of developed countries.

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

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

**30. Which of the following may lead to Inflation**

1. A reduction in the total productive capacity of the economy even as more and more people are employed
2. Oversupply of goods in the economy.

**Select the correct answer code:**

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

**31. Consider the following statements regarding revenue receipts and capital receipts of the government.**

1. Capital receipts are always debt creating unlike revenue receipts.
2. Capital receipts are non-redeemable unlike revenue receipts.

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

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

**32. Consider the following statements regarding Cash Reserve Ratio (CRR).**

1. It is the fraction of the total Net Demand and Time Liabilities (NDTL) of a Scheduled Commercial Bank in India that has to maintain as cash deposit with the RBI.
2. It applies uniformly to all banks in the country irrespective of an individual bank's financial situation or size.
3. Banks are paid interest for parking the required cash under CRR.

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

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

**33. Printing currency is usually the last resort for the government in managing its deficit.**

**This is because**

1. Government expenditure using this new money boosts incomes and raises private demand in the economy, thus leading to inflation.
2. Excess supply of rupee will cause its depreciation.

**Select the correct answer code:**

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

**34. Hard currency is usually preferred because**

1. It is seen as politically and economically stable.
2. It is widely accepted around the world as a form of payment for goods and services.
3. It is not likely to depreciate or appreciate suddenly.

**Select the correct answer code:**

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

**35. Consider the following statements regarding Consumer Price Index — Industrial Workers (CPI-IW).**

1. CPI-IW is primarily used to regulate the dearness allowance of government employees and the workers in the industrial sectors.
2. It is also used in the determination and revision of minimum wages in scheduled employments.
3. The base year for CPI-IW is 2016.

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

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

**36. Consider the following statements regarding Fiscal Responsibility and Budget Management (FRBM) Act, 2003.**

1. The Act made Central government responsible for ensuring inter-generational equity in fiscal management and long-term macro-economic stability.
2. The Act envisages the setting of limits on the Central government's debt and deficits.
3. The law contains an 'escape clause' under which Centre can exceed the annual fiscal deficit target.

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

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

**37. Consider the following statements regarding Current account convertibility.**

1. Current account convertibility means freedom to convert domestic currency into foreign currency and vice versa for trade in goods and invisibles.
2. Under current account convertibility for rupee, an exporter can sell the foreign currency he obtained from exporting a commodity at the market determined exchange rate in India.
3. There is partial Current account convertibility in India, so as to limit imports into the country.

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

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

**38. Which of the following best describes 'Anti-Dumping' duty?**

- a) a protectionist tariff imposed on foreign imports that are priced below fair market value.
- b) an import tax imposed on certain goods in order to prevent piracy.
- c) tax imposed on the import of the goods pertaining to core industrial sectors.
- d) None of the statements a, b and c are correct.

**39. Gross Domestic Product of India does not explicitly include economic value of**

1. Gross capital investments made during a financial year
2. Value of goods and services provided by NRIs

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

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

**40. Consider the following statements regarding Cess and Tax.**

1. Cess is charged over and above direct and indirect taxes.
2. Cess collected for a particular purpose cannot be used for or diverted to other purposes
3. While all taxes go to the Consolidated Fund of India (CFI), cess will go to Public Account of India.

**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 regarding indirect taxes.**

1. Indirect tax is a tax levied by the Government on goods and services and not on the profit or revenue of an individual.
2. Indirect taxes are termed regressive taxing mechanism because they are charged at higher rates than direct taxes.
3. Cascading effect of tax is a situation wherein the end-consumer of any goods or service has to bear the burden of the tax to be paid on the previously calculated tax and as a result would suffer an increased price.

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

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

**42. Consider the following statements about Most-favored-nation (MFN) principle.**

1. MFN means that every time a country lowers a trade barrier or opens up a market, it has to do so for the same goods or services from all its trading partners.
2. Countries cannot set up a free trade agreement that applies only to goods traded within the group.
3. Countries can give developing countries special access to their markets.

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

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

**43. Balance of Payments (BoP) consist of which of the following items?**

1. Any borrowing of the Government of India from abroad
2. Trade Balance
3. FDI and FII received annually

**Select the correct answer code:**

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

**44. Consider the following statements regarding Rupee Appreciation.**

1. Rupee can appreciate because of strong foreign portfolio investments into the country.
2. Avoiding the appreciation of the rupee can strengthen the domestic manufacturing industry.

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

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

**45. When the Reserve Bank of India cuts the repo rate by 50 basis points, which of the following is likely to happen?**

- a) India's GDP growth rate increases drastically
- b) Foreign Institutional Investors will bring more capital into our country
- c) Scheduled Commercial Banks may cut their lending rates
- d) It may drastically reduce the liquidity to the banking system

**46. Consider the following statements about Treasury Bills (T-Bills).**

1. These are issued to meet short-term mismatches in receipts and expenditure.
2. These can be issued by the government as well as blue-chip companies.

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

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

**47. Which of the following statements about Monetary Policy Framework Agreement is correct?**

- a) It is an agreement between Government and Reserve Bank of India (RBI) on the maximum tolerable inflation rate that RBI should target to achieve price stability.
- b) It is an agreement between Government and Reserve Bank of India (RBI) on the minimum inflation rate that RBI should target to achieve growth.
- c) It is an agreement between Banks and Reserve Bank of India (RBI) to ensure that the changes in the Interest rates are passed on to the customers.
- d) Both b and c

**48. Consider the following statements regarding GDP deflator.**

1. GDP deflator is a measure of the level of prices of all new, domestically produced, final goods and services in an economy in a year.
2. Unlike the CPI, the GDP deflator is not based on a fixed basket of goods and services.
3. When GDP deflator is negative, it necessarily means that there is inflation in the economy.

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

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

c) 1, 2

d) 1, 2, 3.

**49. Tax buoyancy refers to the responsiveness of tax revenue growth to changes in GDP. If there is an output growth and the tax buoyancy is not commensurate, then it can imply**

a) There is tax evasion

b) Growth in the non-taxed part of GDP

c) Both a and b

d) Neither a nor b

**50. Match the following pairs**

<b>Term</b>	<b>Definitions</b>
1. Deflation	A. Reduction in the rate of inflation
2. Disinflation	B. General fall in the level of prices
3. Stagflation	C. Combination of inflation and rising unemployment due to recession
4. Reflation	D. Attempt to raise the prices to counteract the deflationary prices.

**Select the correct answer code:**

a) 1-A, 2-B, 3-C, 4-D

b) 1-B, 2-A, 3-C, 4-D

c) 1-B, 2-A, 3-D, 4-C

d) 1-A, 2-B, 3-D, 4-C

**51. Consider the following statements regarding Current Account Deficit (CAD).**

1. The current account measures the flow of goods, services and investments into and out of the country.
2. Current Account Deficit may help a debtor nation in the short-term.
3. High software receipts and private transfers can lower current account deficit.

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

a) 1, 2

b) 1, 3

c) 2, 3

d) 1, 2, 3



**52. Consider the following statements regarding Recession.**

1. A recession is a macroeconomic term that refers to a significant decline in general economic activity in a designated region.
2. A significant fall in spending generally leads to a recession.
3. India had been into recession only once since independence i.e., before Liberalisation.

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

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

**53. Consider the following statements regarding Nitrogen pollution.**

1. Since Nitrates cannot penetrate deep into the soil, they pollute only surface water and not groundwater.
2. Nitrogen dioxide is a greenhouse gas.
3. Agriculture remains the largest contributor to nitrogen emissions.

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

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

**54. Which of the following best defines the Biosphere?**

- a) It is the upper region of lithosphere.
- b) It is the narrow zone where land, water and air come together to contain life forms.
- c) It is the lower atmospheric region near the hydrosphere.
- d) It is the abiotic component of all forms on earth.

**55. Consider the following statements regarding Mangroves for the Future (MFF).**

1. Mangroves for the Future (MFF) is a unique partner-led initiative to promote investment in coastal ecosystem conservation for sustainable development.
2. MFF conservation habitats includes all types of coastal ecosystem, such as coral reefs, estuaries, lagoons, sandy beaches, sea grasses and wetlands.
3. It is purely research body and doesn't offer any grants to support mangrove conservation initiatives.

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

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

**56. Consider the following statements regarding Biotope.**

1. It is an ecological area that is usually larger than an ecosystem.
2. It is a common practice to isolate biotopes from each other for niche biodiversity propagation.

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

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

**57. Bio-ethanol can be derived through the process of bio-refining from**

1. Corn
2. Rice straw
3. Coconut
4. Sea weeds
5. Water hyacinth

**Select the correct answer code:**

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

**58. Consider the following statements regarding Ecological Pyramids.**

1. Pyramid of biomass shows a sharp decrease in biomass at higher trophic levels.
2. Small standing crop of phytoplankton supporting large standing crop of zooplankton is an example for Inverted pyramid of biomass.
3. Primary producers convert only 1% of the energy in the sunlight available to them into Net Primary Productivity.

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

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

**59. Consider the following statements.**

1. It is located on the north bank of the Brahmaputra River.
2. It is the only stronghold of rhinoceros on the north bank of the Brahmaputra river.
3. It is also known as 'Mini Kaziranga National Park'.

**The above statements refer to.**

- a) Manas National Park
- b) Nameri National Park
- c) Orang National Park
- d) Dibru-Saikhowa National Park

**60. Which of the following Ramsar site is manmade?**

- a) Deepor Beel
- b) Harike Wetland
- c) Bhoj Wetland
- d) Loktak Lake.

**61. Consider the following statements.**

1. In a terrestrial ecosystem, a much larger fraction of energy flows through the detritus food chain than through the grazing food chain (GFC).
2. The amount of energy decreases at successive trophic levels in an ecosystem.
3. Organisms at each trophic level depend on those at the lower trophic level for their energy demands.

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

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

**62. With reference to 'decomposition', which of the following statements is/are correct?**

1. Humus is highly susceptible to microbial action and undergo decomposition at fast rate.
2. Decomposition is slower if detritus is rich in nitrogen.
3. Low temperature and lack of oxygen supply inhibit the decomposition.

**Select the correct answer code:**

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

**63. Which of the following are the effects of ozone layer depletion**

1. Causes non-melanoma skin cancer
2. Affects the physiological and developmental processes of plants
3. Phytoplankton productivity is limited to the euphotic zone
4. Synthetic polymers are adversely affected

**Select the correct code:**

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

**64. Consider the following statements with reference to Asiatic Lion.**

1. For the first time, the entire genome of Asiatic lion has been sequenced by scientists from CSIR-Centre for Cellular and Molecular Biology.
2. At present the only home of Asiatic lion is Gir National Park and Wildlife Sanctuary with over 1000 animals present in the Gir forests.

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

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

**65. Consider the following statements regarding 'Benthic Zone' of an ocean ecosystem:**

1. It is the region extending between high tide and low tide levels.
2. This is the most productive zone in ocean due to high nutrient supply.
3. Most of the organisms found here are luminescent.

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

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

**66. Mangroves, saltwater crocodile, Indian python, wild pigs and rhesus monkeys are found in which of the following national park?**

- a) Bhitarkanika National Park
- b) Sundarbans National Park
- c) Nagarhole National Park
- d) Periyar National Park

**67. Birds Following Army Ants is an example for which of the following types of symbiotic relationship between organisms?**

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

**68. Consider the following statements about Ramsar Convention.**

1. It is the United Nations Convention that provides the framework for the conservation and wise use of wetlands.
2. Almost 90% of UN member states, have acceded to become "Contracting Parties".
3. It does not consider underground aquifers and human-made sites as wetlands.
4. Montreux Record is maintained as part of the Ramsar List.

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

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

**69. Consider the following statements with reference to Ozone.**

1. Tropospheric ozone is sometimes labeled as the "good" ozone, because of its protective role.
2. Concentration of ozone in the atmosphere naturally fluctuates depending on seasons and latitudes.
3. The ozone hole over Antarctica is slowly recovering because of the CFC phase-down.

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

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

**70. Consider the following statements about Coral reefs.**

1. They occur in shallow tropical areas where the sea water is clean and warm.
2. They are the natural protective barriers against erosion and storm surge.
3. In India, among the reef areas, Gulf of Mannar has very rich species diversity followed by Lakshadweep islands.

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

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

**71. Which of the following pollutants are directly emitted from motor vehicles?**

1. Particulate matter
2. Un-burnt hydrocarbons
3. Ozone
4. Carbon monoxide
5. Methane

**Select the correct code:**

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

**72. Which of the following were the recommendations of Gadgil Committee on Western Ghats?**

1. It proposed that entire Western Ghats area be designated as ecologically sensitive area (ESA).
2. Within this area, smaller regions were to be identified as ecologically sensitive zones (ESZ) I, II or III based on their existing condition and nature of threat.
3. No new thermal power projects, but hydro power projects allowed with restrictions.

**Select the correct code:**

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

**73. Which among the following is the main constituents of Biogas?**

- a) Methane and Carbon Dioxide
- b) Methane and Nitrogen
- c) Methane and Hydrogen
- d) Methane and Hydrogen Sulfide

**74. Consider the following statements about Geothermal energy.**

1. Geothermal fields are situated in circum-pacific margins and rift zones of East Africa.
2. The production of geothermal energy does not produce any greenhouse gases.
3. In India, the Puga valley in the Ladakh region is the potential geothermal field.

**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.**

1. It is recognized as an Important Bird Area by Bird Life International.
2. It was declared as a World Heritage Site by UNESCO.
3. The forest region is home to world's largest population of Indian Rhinoceros.
4. It is also a Tiger Reserve.

**The above statements are related to which National Park?**

- a) Manas National Park
- b) Nameri National Park
- c) Orang National Park
- d) Kaziranga National Park

**76. Consider the following statements with respect to Atal Tunnel:**

1. Atal Tunnel connects Solang Valley near Manali to Sissu in Lahaul and Spiti district.
2. It is constructed under Pir Panjal range

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

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



**77. What is the name of the government programme which was launched for massive road development programme in North East region?**

- a) SARDP-NE
- b) RASTH-NE
- c) CONNECT\_NE
- d) SATH-NE

**78. Distribution of property card will be done by Govt. of India under which Scheme?**

- a) SAHAY Scheme
- b) SAMVITA Scheme
- c) SVAMITVA Scheme
- d) SARVAM Scheme

**79. Consider the following pairs:**

**Exercise :: Participating Countries**

- 1. Indra :: India-Britain Naval Exercise
- 2. Naseem :: Al-Bahr India- Oman Naval Exercise
- 3. Varuna :: India-France

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

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

**80. Consider the following statement with respect to Kalam Program for Intellectual Property Literacy and Awareness Campaign (KAPILA):**

- 1. It is Launched by Indian Ministry of Human Resource Development
- 2. Under this campaign, students pursuing education in higher educational institutions will get information about the correct system of application process for patenting their invention.

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

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

**81.Srisaillam Hydroelectric Power Plant is constructed over which River?**

- a) Godavari River
- b) Kali River
- c) Krishna River
- d) Kaveri River

**82.Consider the following statements:**

1. Earth Observation Satellite (EOS-01) is intended for applications in preventing illegal mining
2. India's Polar Satellite Launch Vehicle (PSLV) is the first generation launch vehicle

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

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

**83.Consider the following statements with respect to Public Affairs Index:**

1. It is developed by The Public Affairs Centre
2. Gujarat topped in the index as the best-governed state in the country

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

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

**84.Baghlán and Kunduz are recently in news. These places are located in which of the following country?**

- a) Syria
- b) Afghanistan
- c) Bangladesh
- d) Israel

**85.The country's longest motorable single lane suspension bridge is in which state or Union territory?**

- a) Uttarakhand
- b) Himachal Pradesh
- c) Jammu and Kashmir
- d) Ladakh

**86.Consider the following statements with respect to SITMEX-20:**

1. It is a maritime exercise between India and Sri Lanka
2. SITMEX-20 concluded in the Andaman Sea.

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

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

**87.Consider the following statements with respect to National Nutrition Mission:**

1. The progress report on National Nutrition Mission is released by Ministry of Health
2. Its aim is to reduce stunting, undernutrition, anemia and low birth weight by 2%, 2%, 3% and 2% per annum respectively.

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

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

**88. Consider the following statements with respect to BrahMos supersonic cruise missile:**

1. It is a medium-range supersonic cruise missile which can be launched from submarines, ships, aircraft or land.
2. It is the world's fastest supersonic cruise missile

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

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

**89. Consider the following Statements with respect to Electronic Vaccine Intelligence Network (eVIN):**

1. eVIN is an indigenously developed technology
2. WHO is associating with India under this Mission

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

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

**90. Consider the following statements Blue Tide:**

1. It occurs when phytoplankton produce light through chemical reactions in proteins.
2. Waves disturb these unicellular microorganisms and make them release blue light.

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

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

**91. Consider the following statements with respect to houbara bustard:**

1. It lives in arid climates
2. IUCN Red List Status of this species is Vulnerable

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

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

**92. Which statement is true with reference to recently launched PM-WANI scheme?**

- a) It aims to enhance the women and neonatal intensive care units in the country
- b) It aims to elevate wireless internet connectivity in the country
- c) It aims to improve the perspective for regional trade and investment in West African Nations
- d) It aims to improve the perspective for regional trade and investment in West Asian countries

**93. Beresheet 2 mission to the Moon, which is often seen in news, is associated with which country?**

- a) China
- b) USA
- c) Russia
- d) Israel

**94. Consider the following statements with respect to ease of doing business Index:**

1. The report is released by the IMF.
2. India's position is increased by 14 positions in 2020 from the previous year position.

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

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

**95. Consider the following statements with respect to Pradhan Mantri Kisan Samman Nidhi (PM-KISAN) scheme:**

1. It is a central sector scheme and implemented by ministry of finance.
2. Under the scheme, the Centre transfers an amount of Rs. 6,000 per year directly into the bank accounts of the all-landholding farmers.

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

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

**96. Consider the following statements with respect to Chandrayan-2:**

1. It consists of an Orbiter of the Moon, Vikram- the lander and Pragyan- the rover.
2. The Chandrayaan-2 was India's first attempt to land on Moon's South Polar Region.

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

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

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

1. Kambala – Andhra Pradesh
2. Jalikattu – Tamil Nadu
3. Aanaval Pidi – Kerala

**Select the correct code:**

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

**98. Fordow, Natanz and Arak, which are quite often in news, are associated with –**

- a) Uranium/Nuclear Enrichment Facilities in Iran
- b) Newly developed missiles by Russia
- c) Mountain ranges in Armenia
- d) ISIS stronghold in Syria

**99. Which of the following statements is/are correct regarding the Dedicated Freight Corridors (DFC) project by Indian Railways?**

- 1. The project aims to reduce the unit cost of transportation and speed up the freight train in India.
- 2. The Eastern DFC is funded by Japan while the Western DFC is funded by World Bank.
- 3. The freight trains in DFC will run completely on electricity, reducing the emission of Greenhouse gases.

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

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

**100. Dzukou valley is a popular trekking destination known for its exotic flowers, is spread across which of the following states?**

- 1. Assam
- 2. Nagaland
- 3. Manipur

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

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