

1. Copper is used to layer the boats made of wood because of which of the following reasons?

- (a) Copper is a metal which is water repellent and allows the boat to stay afloat above water.
- (b) It is cheap and hence preferred to be used to protect the boat from impact of water.
- (c) Copper has anti-bacterial properties that prevent the decay of wood from sea organisms.
- (d) Copper increases the mechanical strength of ship unlike any other metal does.

2. Which of the following are related to the process of photosynthesis?

- 1. Absorption of light energy by chlorophyll.
- 2. Conversion of light energy to chemical energy and splitting of water molecules into hydrogen and oxygen.
- 3. Reduction of carbon dioxide to carbohydrates.

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) 1, 2 and 3

3. When sunlight passes through a canopy of a dense forest. Tiny water droplets in the mist scatter light. The color of the scattered light depends on the size of the scattering particles.

This phenomenon is known as:

- (a) Tyndall effect
- (b) Rayleigh scattering
- (c) Compton scattering
- (d) Total Internal Reflection

4. Consider the following pairs:

<i>Vitamins/Minerals</i>	<i>Deficiency Diseases</i>
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- |              |                   |
|--------------|-------------------|
| 1. Vitamin A | : Night blindness |
| 2. Vitamin D | : Scurvy          |
| 3. Iron      | : Anaemia         |
| 4. Iodine    | : Goitre          |

How many pairs given above are correctly matched?

- (a) Only one pair
- (b) Only two pairs
- (c) Only three pairs
- (d) All four pairs

5. Consider the following statements regarding a voltmeter:

- 1. It is always connected in series across the points between which the potential difference is to be measured.
- 2. A voltmeter has a very high internal resistance.

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

6. Recently, SEBI has allowed Alternative Investment Funds (AIFs) to participate in Credit Default Swap (CDS). In this context, consider the following statements regarding the Credit Default Swap (CDS):

- 1. The lender buys a CDS from another investor who agrees to reimburse if the borrower defaults.
- 2. CDS is used for speculation, hedging, or as a form of arbitrage.

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

7. With reference to enzyme-linked immunosorbent assay (ELISA), consider the following statements:
1. Performing an ELISA involves at least one antibody with specificity for a particular antigen.
  2. It can be used to detect Covid antibodies that the body develops in response to infection by the SARS-CoV-2 virus.
- 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
8. With reference to bakelite, which of the following statements are correct?
1. It is a form of thermosetting plastic.
  2. It is a good conductor of heat.
  3. It is used for making electrical switches.
- 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) 1, 2 and 3
9. Arrange the following particles in increasing order of size.
1. Atoms
  2. Quarks
  3. Hadrons
- Select the correct answer using the code given below.
- (a) 1-2-3
  - (b) 2-3-1
  - (c) 1-3-2
  - (d) 3-2-1
10. Silver articles become black after some time when exposed to air due to the presence of which of the following?
- (a) Sulfur
  - (b) Carbon dioxide
  - (c) Nitrogen
  - (d) Black carbon
11. The Annual Status of Education Report (ASER) 2022 has been recently released. In this context, consider the following statements regarding the ASER:
1. It aims to provide estimates of children's schooling status and their ability to read simple text and do basic arithmetic.
  2. It is a school-based survey.
  3. The survey is limited to only rural areas.
- Which of the statements given above is/are correct?
- (a) 1 only
  - (b) 2 and 3 only
  - (c) 1 and 3 only
  - (d) 1, 2 and 3
12. Which of the following are used as indicators for testing acids?
1. Litmus paper
  2. Turmeric
  3. Methyl orange
  4. Vanilla extract
- Select the correct answer using the code given below.
- (a) 1 and 2 only
  - (b) 2, 3 and 4 only
  - (c) 1, 3 and 4 only
  - (d) 1, 2, 3 and 4

- 13.** With reference to the alloy, consider the following statements:
1. Resistivity of an alloy is generally higher than that of its constituent metals.
  2. Alloys burn easily at higher temperatures.
  3. While the solder is an example of an alloy, nichrome is a metal.
- Which of the statements given above is/are correct?
- (a) 1 only  
(b) 2 only  
(c) 2 and 3 only  
(d) 1, 2 and 3
- 14.** Which of the following is/are the example/examples of exothermic reactions?
1. Snow formation in clouds
  2. Conversion of water into steam
  3. Rusting of iron
- Select the correct answer using the code given below.
- (a) 1 and 2 only  
(b) 3 only  
(c) 1 and 3 only  
(d) 1, 2 and 3
- 15.** Consider the following statements regarding Whittaker's Five Kingdom Classification:
1. Kingdom monera includes prokaryotic organisms whereas Kingdom protista includes eukaryotic organisms.
  2. Bacteria are the sole members of the Kingdom Monera.
- 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
- 16.** Consider the following statements regarding Viruses:
1. All viruses contains both RNA and DNA.
  2. Bacteriophages (viruses that infect the bacteria) are usually single-stranded DNA viruses
- 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
- 17.** Which of the following are micronutrients in plant nutrition?
1. Iron
  2. Potassium
  3. Copper
  4. Zinc
  5. Magnesium
- Select the correct answer using the code given below.
- (a) 1, 2, 3, 4 and 5  
(b) 1, 3 and 4 only  
(c) 2, 3 and 5 only  
(d) 1, 2 and 5 only
- 18.** Recently, the Prime Minister of India flagged off the world's longest river cruise from
- (a) Kanyakumari to Kolkata  
(b) Varanasi to Dibrugarh  
(c) Cochin to Dibrugarh  
(d) Kannur to Cambay
- 19.** Consider the following statements regarding the caste census in India:
1. Caste was included as a parameter in census data since the 1911 Census.
  2. Caste Census is under the administrative control of the Ministry of Home Affairs.
- 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

20. Consider the following pairs:

<i>Part of Eye</i>	<i>Function</i>
1. Cornea	: Refraction of light entering the eye
2. Pupil	: Regulates and control amount of light entering the eye
3. Retina	: Image formation

Which of the pairs given above are correctly matched?

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

21. Consider the following statements:

- 1. DNA vaccines are stable at higher temperatures and thus easier to store unlike RNA vaccines.
- 2. DNA vaccines, once injected, can not alter natural genetic material of a cell unlike RNA vaccines.

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

22. With reference to the magnetic field, which of the following statements is/are correct?

- 1. The direction of field lines is from the north pole to the south pole inside the magnet.
- 2. The relative strength of the magnetic field is shown by the degree of closeness of the field lines.
- 3. No two field lines are found to cross each other.

Select the correct answer using the code given below.

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

23. Which of the following statement explains Bhopal Declaration recently in news?

- (a) It is released by G20 engagement group and appeals to focus more on inclusive development care in comparison to GDP.
- (b) It marked the 25th Anniversary of ASEAN-India Dialogue Relations and focuses on cooperation in the maritime domain.
- (c) It emphasised on countering global terrorism that uses new and emerging technologies.
- (d) It emphasized on citizen centric governance in all government departments.

24. Consider the following pairs:

<i>Mode of reproduction</i>	<i>Example</i>
1. Vegetative propagation	: Ginger
2. Pollination	: Tomato
3. Fragmentation	: Yeast

Which of the pairs given above are correctly matched?

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

25. With reference to plant transportation system, consider the following statements:

- 1. Phloem moves water and minerals obtained from the soil to the leaves.
- 2. Xylem transports products of photosynthesis from the leaves to other parts of the plants.
- 3. Transpiration involves loss of water vapour through the stomata of plants.

Which of the statements given above is/are *not* correct?

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

26. Which of the following subatomic particles determines the chemical properties of an element?
- Valence electrons
  - Core electrons
  - Protons
  - Neutrons
27. With reference to 3D Printing and 4D printing, consider the following statements:
- In 3D Printing there is a repetition of the 2D structure layer by layer from the bottom to the top.
  - 4D printing provides printed objects with the ability to change form or function with time.
- Which of the statements given above is/are correct?
- 1 only
  - 2 only
  - Both 1 and 2
  - Neither 1 nor 2
28. With reference to the magellanic clouds, consider the following statements:
- They are visible to the unaided eye in the southern hemisphere.
  - They are part of the Milky way galaxy.
  - They serve as laboratories for the study of active stellar formation and evolution.
- Which of the statements given above is/are correct?
- 1 and 2 only
  - 1 and 3 only
  - 3 only
  - 1, 2 and 3
29. Which of the following plant hormones acts as a general plant growth inhibitor and an inhibitor of plant metabolism?
- Abscisic acid
  - Cytokinins
  - Gibberellins
  - Auxin
30. Which one of the following is the reason why food cooks faster in a pressure cooker?
- Heat cannot escape from the cooker.
  - The increased pressure increases the boiling point of water.
  - The boiling point of water decreases in the closed system.
  - Convection currents are set inside the cooker.
31. Light can be described both as a wave and as a particle. Which of the following phenomena illustrates the particle nature of light?
- Interference
  - Polarisation
  - Diffraction
  - Photoelectric effect
32. With reference to Electro-cardiograph, consider the following statements:
- The T-wave represents the depolarisation of the atria, which leads to the contraction of both the atria.
  - The QRS complex represents the depolarisation of the ventricles, which initiates the ventricular contraction.
  - The P-wave represents the return of the ventricles from excited to normal state (repolarisation).
- Which of the statements given above is/are correct?
- 1 and 2 only
  - 3 only
  - 1 and 3 only
  - 2 only

33. With reference to the National Financial Reporting Authority (NFRA), consider the following statements:
1. It was established under the Societies Registration Act, 1860.
  2. It is an independent regulator to oversee auditing profession and accounting standards.
  3. It has same powers as a civil court and a criminal court while trying a suit.
- Which of the statements given above is/are correct?
- (a) 1 and 2 only
  - (b) 2 only
  - (c) 1 and 3 only
  - (d) None
34. One thick woollen blanket is less warm than two thin woollen blankets joined together to same thickness. Which of the following is the most appropriate reason for the above phenomenon?
- (a) Two thin sheets produce heat due to friction.
  - (b) Two blankets will provide more surface area than one blanket.
  - (c) Air trapped between two blankets is a bad conductor of heat.
  - (d) Two blankets will increase temperature by exerting more pressure.
35. Which of the following technologies are normally based on the use of sound waves with frequencies higher than the upper audible limit of human hearing?
1. Ultrasonography
  2. Echocardiography
  3. Radar
- Select the correct answer using the code given below.
- (a) 1, 2, and 3
  - (b) 1 and 2 only
  - (c) 1 and 3 only
  - (d) 3 only
36. Lagrangian points are often seen in the context of space exploration. What are they?
- (a) These are points where a small body under the gravitational influences of two larger ones remains relatively stable.
  - (b) These are the locations on the periphery of the milkyway galaxy.
  - (c) These are the points within the solar system where the orbits of two planets intersect.
  - (d) These are the locations on the Jovian surface where frozen water has been detected.
37. We feel burning pain when stung by Ant. Which of the following acid is responsible for the burning pain?
- (a) Methanoic Acid
  - (b) Acetic Acid
  - (c) Oxalic Acid
  - (d) Tartaric Acid
38. Which of the following are types of bio-plastics?
1. Polyhydroxyalkanoate
  2. Polylactic acid
  3. Polyethylene terephthalate
- 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) 1, 2 and 3

39. Consider the following statements regarding the speed of sound:

1. The speed of sound decreases as it moves from solid to liquid medium.
2. As temperature increases, the speed of sound increases.
3. At any given temperature, the speed of sound in oxygen is greater than the speed of sound in an air medium.

Which of the statements given above is/are correct?

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

40. Consider the following pairs:

<i>Enzyme</i>		<i>Produced by</i>
1. Pepsin	:	Pancreas
2. Lipase	:	Stomach
3. Lactase	:	Intestine

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

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

41. Which of the following is the reason for the little chemical activity shown by noble gases like Helium and Neon?

- (a) Absence of neutrons
- (b) Presence of completely filled valence shell
- (c) Presence of higher number of electrons compared to protons
- (d) Absence of protons

42. "Sorbitol" has applications in which of the following?

1. used as a sugar substitute in confectionaries
2. used as a natural anti-diarrheal
3. used in the preparation of synthetic Vitamin-C
4. used as an ingredient in toothpaste

Select the correct answer using the code given below.

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

43. With reference to acid rain, consider the following statements:

1. The gases mainly responsible for acid rain are sulfur dioxide and oxides of nitrogen.
2. Acid rain has high pH levels ranging between 8-9.

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

44. Which of the following fields do nuclear radiations have applications in?

1. Agriculture
2. Medical diagnostics
3. Oil drilling
4. Treatment of cancer
5. In the measurement of the movement of pollutants

Select the correct answer using the code given below.

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

45. With reference to 'stevia' often used as a sugar substitute, consider the following statements:
1. It is derived from plant sources.
  2. It has a less intensity of sweetness compared to table sugar.

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

46. With reference to battery energy storage, how do sodium-ion batteries differ from lithium-ion batteries?

1. Sodium-ion batteries have lower energy density than lithium-ion batteries.
2. In cold environments, sodium-ion batteries are less efficient as compared to lithium-ion batteries.
3. The abundance of raw materials required to make sodium-ion batteries makes them cheaper compared to their lithium counterparts.

Select the correct answer using the code given below.

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

47. Consider the following statements with reference to sound waves:

1. Sound is an electromagnetic wave that can travel both with and without a material medium.
2. Sound waves are longitudinal waves in which particles oscillate to and fro about their mean position.

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

48. Consider the following:

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

Which of the above can be used in pesticides to prevent crop damage?

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

49. Which of the following is/are the components of fly ash?

1. Iron Oxide
2. Potassium Oxide
3. Aluminium Oxide
4. Titanium Dioxide

Select the correct answer using the code given below.

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

50. Consider the following statements with reference to dark energy:

1. Dark energy was discovered and proven by Albert Einstein.
2. It is believed that more than 60% of the universe is dark energy.

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



51. With reference to the Global Plastics Treaty, consider the following statements :

1. The treaty was signed at a meeting of the United Nations Climate Change Conference held in Glasgow, UK.
2. It makes the signatories legally binding to address the full life of plastics — from production to disposal, to end plastic pollution.

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

52. Consider the following pairs :

<b>Indian Evacuation missions</b>	<b>Associated Country</b>
1. Operation Ganga	- Ukraine
2. Operation Devi Shakti	- Sri Lanka
3. Operation Raahat	- Yemen
4. Operation Maitri	- Nepal

How many pairs given above is/are correctly matched ?

- (a) Only one pair
- (b) Only two pairs
- (c) Only three pairs
- (d) All four pairs

53. With reference to The Global Gender Gap Report 2022, consider the following statements:

1. The Global Gender Gap Index is released by the World Economic Forum.
2. India ranks 146<sup>th</sup> among a total of 146 countries in the 'Health and Survival' sub-index.
3. India also ranks the least among all the South Asian countries.

Which of the statements given above are correct?

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

54. Consider the following statements about Drug Price Control in India :

1. The National Pharmaceutical Pricing Authority (NPPA) is entrusted with the task of monitoring the prices of both controlled and decontrolled drugs
2. It is also entrusted with the task of recovering the amounts overcharged by the manufacturers from the customers for the controlled drugs.

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

55. Iprodione and Terbufos, considered carcinogenic in high quantities, are most likely present in which of the following ?

- (a) Pesticides
- (b) Food Preservatives
- (c) Toiletries
- (d) Micro-beads

56. Consider the following statements about FIFA World Cup 2022 :

1. Kylian Mbappe was awarded the Golden Ball award, while Argentina's Lionel Messi was awarded the Golden Boot Award.
2. Argentina clinched their second-ever World Cup Trophy in Football and became the first South American nation since 2002 to clinch the trophy.
3. The next edition of the FIFA world cup in 2026 will be held across three nations – the USA, Canada, and Mexico.

Which of the statements given above is/are **not** correct ?

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

57. Recently, the Narcotics Control Bureau (NCB) seized Black Cocaine from Mumbai Airport. In this context, consider the following statements about Black Cocaine :

1. It is a mixture of regular cocaine and other chemicals in administered quantities.
2. It contains substances that camouflage typical appearance to interfere with color-based drug tests.
3. It can be easily traced by well-trained Sniffer dogs and often goes undetected in other tests.

Which of the statements given above is/are correct ?

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

58. With reference to National Agriculture Market(e-NAM), consider the following statements :

1. National Agriculture Market (eNAM) is a pan-India electronic trading portal that networks the existing APMC mandis to create a unified national market for agricultural commodities.
2. Farmer Producer Organization (FPO) is the lead agency for implementing eNAM under the aegis of the Ministry of Agriculture and Farmers' Welfare, Government 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

59. De-regulation of the Sugar sector was done to improve the financial health of sugar mills and for timely payments of cane prices to sugarcane farmers. It was done based on the recommendations of :

- (a) Abhijit Sen
- (b) M S Swaminathan
- (c) B Shivaraman
- (d) Dr.C. Rangarajan

60. Consider the following statements :

1. Odesa is a major Russian Black Sea port.
2. Russia claims Ukraine illegally occupies the port.

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

61. Consider the following statements about the Swadhar Greh Scheme :

1. It envisages providing shelter, food, clothing, health and legal aid as well as economic and social security for the women victims of difficult circumstances.
2. Boys only up to the age of 8 years would be allowed to stay in the Swadhar Greh with their mothers.

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

62. Consider the following statements about National Policy for Rare Diseases (NPRD) 2021:

1. Under NPRD, rare diseases have been categorized into 3 Groups.
2. The Central Government, through its Centres of Excellence, provides all primary, secondary and tertiary care facilities for the treatment of rare diseases.
3. Financial assistance for the treatment of rare diseases will be provided only for Group 3 categorized diseases.
4. The policy will make use of a crowdfunding mechanism to get financial support for those affected by rare diseases.

Which of the statements given above is/are correct ?

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

63. Amarjeet Sinha committee, sometimes seen in the news, is related to :

- (a) To study the status of rural working women
- (b) To assess the efficacy of the MGNREGA Scheme
- (c) To review the local Gas pricing formula
- (d) Advisory committee set up by SEBI on Alternative Investment Policy

64. Consider the following statements about the Sport of Tennis :

1. International Tennis Federation organizes the Davis Cup and the Billie Jean King cup
2. Rafael Nadal and Iga Swiatek have been crowned as the ITF world Champions in Men's and Women's categories, respectively.
3. Australia defeated Canada in the 2022 Davis Cup finals to clinch the title

Which of the statements given above are correct?

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

65. Consider the following statements :

1. Livestock production accounts for 70 percent of all agricultural land and 30 percent of the planet's land surface.
2. Agriculture accounts for 70 percent of water withdrawals worldwide and plays a major role in water pollution.
3. Nitrate from agriculture is now the most common chemical contaminant in the world's groundwater aquifers.

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) 1, 2 and 3

66. Consider the following pairs :

<b>Regions</b>	<b>Countries</b>
1. Po Valley	- India
2. Batken	- Kyrgyzstan
3. Tigray	- Ethiopia

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

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

67. With reference to the Domestic Support under the Agreement on Agriculture of the WTO, consider the following statements :

1. Subsidies that are government funded and do not involve price support are classified as Green Box subsidies.
2. Subsidies that limit the production of the farmer are classified as Amber Box subsidies.
3. Domestic support measures considered to distort production and trade fall into the Blue box.

Which of the statements given above is/are correct ?

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

68. Which of the below countries does not share borders with Syria ?

- (a) Saudi Arabia
- (b) Turkey
- (c) Iraq
- (d) Lebanon

69. With reference to Geographical Indication (GI), consider the following statements :

1. GI is governed and directed by the World Intellectual Property Organization Agreement on Trade-Related Aspects of Intellectual Property Rights (TRIPS).
2. The registration of a geographical indication is valid for a period of 10 years.
3. Trademark and Geographical Indication are interchangeably used to identify goods having special characteristics originating from a definite geographical territory.

Which of the statements given above is/are correct ?

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

70. Consider the following :

1. The northern parts of the state have a dense Teak forest.
2. Medaram Jatra is celebrated here as a state festival.
3. Kinnarsani Wildlife sanctuary is located in this state.

These are the characteristics of which of the following states ?

- (a) Maharashtra
- (b) Karnataka
- (c) Telangana
- (d) Odisha

71. Boltzmann Medal, which has been in news recently, is related to :

- (a) Statistical Physics
- (b) Astrophysics
- (c) Particle Physics
- (d) Relative Mechanics

72. With reference to the Protection of Women from Domestic Violence Act, 2005, which of the following statements is/ are correct ?

1. All women who may be mothers, sisters, wives, widows, or partners living in a shared household are covered.
2. Even a minor child is covered under the act.
3. It also protects women in live-in relationships.

Which of the statements given above is/are correct ?

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

73. Nagorno – Karabakh region recently in the news lies in which country ?

- (a) Azerbaijan
- (b) Iran
- (c) Russia
- (d) Turkey

74. Consider the following statements :

1. The Central Bureau of Investigation, CBI, is a statutory body deriving its powers from the Delhi Special Police Establishment (DPSE) Act, 1946.
2. Section 6 of the DPSE act requires the CBI to obtain the mandatory general consent of a State Government to exercise its powers and jurisdiction.
3. Constitutional courts can entrust to the CBI any case for investigation, in the exercise of inherent jurisdiction, even without the consent of the respective State Government.

Which of the statements given above is/are correct?

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

75. Consider the following pairs :

<b>Sites</b>	<b>States</b>
1. Mahuli temples	- Gujarat
2. Sannati Buddhist site	- Maharashtra
3. Karikiyoor rock paintings	- Kerala

Which of the pair/pairs is/are **not** correctly matched ?

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

76. Which of the below is the objective of the scheme PM- Jan Vikas Karyakram ?

- (a) To accelerate access to high-quality family planning choices
- (b) To create a social movement for health, create awareness and encourage healthy lifestyles
- (c) To target the poorest of poor populations and provide them relief from hunger
- (d) To address the development deficits of the identified Minority Concentration Areas

77. Which of the following are Soil and Water Conservation Methods-Management Practices?

1. Strip Cropping
2. Mulching
3. Contour Cultivation
4. Planting of Grasses
5. Cashew nut Plantation
6. Rotation of Crops
7. Multiple Cropping

Select the correct answer using the code given below :

- (a) 1, 3 and 4 only
- (b) 2, 5, 6 and 7 only
- (c) 1, 2, 3, 4, 5 and 6 only
- (d) 1, 2, 3, 4, 6 and 7 only

78. The World Happiness Report 2022 is published by :

- (a) Sustainable Development Solutions Network
- (b) World Economic Forum
- (c) Welthungerhilfe
- (d) UNDP

79. Consider the following statements with respect to Africa :

1. It's the only continent stretching to the north, south, east and western hemispheres.
2. Only continent through which the Equator, Tropics and Greenwich Meridian pass.

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

80. Consider the following statements with respect to Prisons in India :

1. In India, the administration and management of prisons are the responsibility of the Union Home Ministry.
2. The jails in the state of Uttar Pradesh have recorded the highest number of under-trials in India.
3. Delhi has reported the highest number of Central jails in the country.

Which of the statements given above is/are correct ?

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

81. Consider the following pairs :

<b>Country</b>	<b>Reason for being in the news recently</b>
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1. Burkina Faso - Suspension of Constitution and Government by military
2. Uzbekistan - Death of children due to cough syrup made by an Indian firm
3. Rwanda - Given "candidate status" by European Union.
4. Bosnia and Herzegovina - UK has signed a deal to relocate some of its asylum seekers.

How many pairs given above is/are correctly matched ?

- (a) Only one pair
- (b) Only two pairs
- (c) Only three pairs
- (d) All four pairs

82. With reference to SARFAESI Act, 2002, consider the following statements :

1. It enables banks to reduce their non-performing assets through recovery methods and reconstruction.
2. It covers all types of assets, movable or immovable, promised as security to loans.
3. The provisions of this act are not applicable for Non-Performing Asset (NPA) loans with repayment below Rs.1 lakh and loans created for agricultural land.

Which of the statements given above is/are correct ?

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

83. Cyclopean wall, recently seen in the news, was built in order to protect a famous ancient city of ?

- (a) Madurai
- (b) Hampi
- (c) Rajgir
- (d) Varanasi

84. Rule of law is seen as an integral part of good governance. Which of the following principles are believed to aid 'Rule of Law' in a State ?

1. Equality before law
2. Binding written constitution
3. Independent judiciary
4. Laws of ambiguous language
5. Judicial review
6. Supremacy of law
7. Parliamentary sovereignty

Select the correct answer from the codes given below :

- (a) 1, 3, 4, 6 and 7 only
- (b) 2, 3, 4, 5 and 6 only
- (c) 1, 2, 3, 5 and 6 only
- (d) 1, 2, 4, 5 and 7 only

85. The large Lake Razzaza in the news recently is located in which country ?

- (a) Iran
- (b) Iraq
- (c) Syria
- (d) Jordan

86. In recent times, Europe's most important waterway, the Rhine river, is at a record low, making it too shallow for many ships to pass. The river passes through which of the below countries ?

1. Switzerland
2. Germany
3. Austria
4. Liechtenstein
5. France
6. Netherlands

Select the correct answer from the codes given below :

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

87. Which of the following statements best describes the term 'Veblen goods' ?

- (a) It is a type of luxury good for which the demand increases as the price increases.
- (b) It is a type of consumer good for which demand decreases as the price increases.
- (c) It is a type of luxury good for which the demand decreases as the price increases.
- (d) It is a type of consumer good that is not necessary to be purchased before their consumption.

88. "Critical mineral investment partnership," sometimes seen in the news, is a partnership between India and :

- (a) Mongolia
- (b) Kazakhstan
- (c) Australia
- (d) Kyrgyzstan

89. Lokpal has jurisdiction to enquire into allegations of corruption against which of the following ?

- 1. Prime Minister
- 2. Member of Parliament
- 3. Own members of Lokpal
- 4. Any society or trust, or body that receives foreign contribution above Rs. 1 lakh.
- 5. Officials of the Union government under Groups A, B, C and D

Select the correct answer from the code given below :

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

90. Consider the following statements :

- 1. Himachal Pradesh becomes the first smoke-free state in India with 100% LPG connections in each house.
- 2. Uttar Pradesh, West Bengal and Bihar are the top three beneficiaries of PM Ujjwala Yojana.

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

91. In which of the following context does the Vesak festival celebrated ?

- (a) It is celebrated in temples dedicated to goddesses Kali or Durga in Kerala.
- (b) It is celebrated by Vaishnavas by preparing a variety of food to feed Krishna.
- (c) It is a fair held in Karnataka once in two years by making an offering to the deity for the fulfillment of a wish.
- (d) It is celebrated to mark the birth of Gautama Buddha, the founder of Buddhism.



92. Consider the following statements with reference to Open Network for Digital Commerce :

1. It promotes open networks for all aspects of the exchange of goods and services over digital or electronic networks.
2. It helps in curbing digital monopolies by supporting micro, small and medium enterprises and small traders.
3. It is an initiative under the Ministry of Electronics & Information Technology.

Which of the statements given above is/are correct ?

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

93. With reference to the Financial Stability Board (FSB), consider the following statements :

1. FSB is an international body that monitors and makes recommendations about the global financial system.
2. It was established under the aegis of the IMF and World Bank.
3. It is headquartered in Basel, Switzerland.

Which of the statements given above is/are correct ?

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

94. Consider the following statements :

1. Superconductors offer infinite conductivity to the flow of electrons at low temperatures.
2. The principle of superconductivity can be used in MRI scans.

Which of the statements given above is/are **not** correct ?

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

95. Which of the following statements regarding Public Interest Litigation in India is **not** correct?

- (a) It is a litigation introduced in a court of law, not by the aggrieved party but by the court itself or by any other private party.
- (b) Public interest litigation is not defined in any statute or in any act.
- (c) The cases may arise from both public and private law matters.
- (d) It can be filed directly in the Supreme Court but not in any other courts.

96. Consider the following pairs :

<b>Regions often mentioned in the news</b>	<b>Country</b>
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- |               |               |
|---------------|---------------|
| 1. Akwaya     | - Cameroon    |
| 2. Lysychansk | - Ukraine     |
| 3. Kherson    | - Afghanistan |
| 4. Paktika    | - Cambodia    |

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

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

97. The seventh schedule of the Indian Constitution deals with Union, State and Concurrent lists. Which among the following subjects are listed under the Concurrent list ?

1. Education
2. Forest
3. Industries
4. Weights and measures
5. Administration of justice
6. Burials and burial grounds
7. Electricity

Select the correct answer from the code given below :

- (a) 1, 2, 3, 6 and 7 only
- (b) 1, 2, 4, 5 and 7 only
- (c) 2, 3, 4, 5 and 6 only
- (d) 1, 3, 5, 6 and 7 only

98. Which of the following rivers does not have its origin in the Aravalli ranges ?

- (a) Banas
- (b) Betwa
- (c) Sakhi
- (d) Sabarmati

99. The term "Conversion Therapy", which has been in the news in recent times, is related to :

- (a) Efforts to change the religious identity of the vulnerable communities
- (b) Attempts to change the sexual orientation of the people
- (c) Tinkering with the genetic identity of the people
- (d) Brainstorming youth toward ideological motives

100. World Social Protection Report is released by:

- (a) World Bank
- (b) United Nations Development Programme
- (c) Organization for Economic Cooperation and Development
- (d) International Labour Organization

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