Chemistry:

1. Water expands when freezes, unlike other substance
2. Glass is a cooled liquid.
3. The SI unit of temperature is Kelvin
4. The nucleus of an atom consists of electrons and protons.
5. The most electropositive is Florin.
6. Sodium Carbonate acts as an antacid.
7. Protium is the most abundant of Hydrogen.
8. Density of water is maximum at 4° C.
9. At absolute zero, the entropy of a perfect crystal is zero. This is 3rd law of Thermodynamics.
10. Ni2+ has 2 unpaired electrons.
11. N is more stable than O2.
12. Sulphur dioxide is a greenhouse gas.
13. The process of separating a crystalloid, from a colloid by filtration is called peptization.
14. Uranium is the heaviest element with an atomic weight of 238.
15. N2O is the chemical formula for laughing gas.
16. Apple seeds contain which is good for health.
17. Helium is the only element that was not discovered in earth’s atmosphere, but was discovered in sun.
18. Lemon contains more sugar than Strawberry.
19. The only letter that doesn’t approve in the Periodic table is “J”.

Physics:

1. Newton was the first person to define speed.
2. Blue colour deviates least when passing through a Prism.
3. Light year is a unit of time.
4. Hertz is the SI unit of frequency.
5. It is easier to pull than to push a body.
6. If the mass of the pendulum is doubled the time period becomes 4 times.
7. Sound waves are not electromagnetic waves.
8. Marie Curie discovered radioactivity.
9. The focal length of a plane mirror is infinite.
10. The optical fibre works on the principle of total internal reflection.
11. Sounds travel fastest through solid.
12. Balmer Series lies in the Infrared region.
13. In Bohr’s model of an atom, angular momentum is an integral multiple of h/2.
14. Convex lens is used as a typical magnifying glass.
15. The direction of magnetic field lines outside a magnetic bar is from North to South and inside from South to North.
16. If a person’s mass on Earth is 70Kg then its mass on the moon will change.
17. The 1st Nobel Prize of Einstein was for “Special Relativity”.
18. Voltmeter is used to measure current.
19. The reciprocal of resistance is resistivity.
20. The sky is blue because of the scattering of light.

Current Affairs:

1. As per the UN Multidimensional Poverty Index (MPI), India has the largest number of poor people worldwide.
2. Pradhan Mantri Bhartiya Jan Pariyojana was launched recently by the Ministry of Home Affairs.
3. Andhra Pradesh is the host of Agri start-ups.
4. Google collaborated with Assam to drive digital-led learning and skill development for students and youth.
5. National Maritime Heritage complex is located in Gujarat.
6. i-DEX works under the Ministry of Education & Welfare.
7. Jaipur was the first city ever to host National Coal Conclave Exhibition 2022.
8. Gandhi Nagar was the city to host Def Expo 2022 in October.
9. Rajamahendravaram the city of Andhra Pradesh was 3rd World Kuchipudi Matyatsavam.
10. Bharti Das is the new controller general of Accounts (CGA) in October 2022.
11. COVEX-19 is India’s 1st antidote against the SARS-CoV2 virus.
12. Neiphiv Rio is the Chief Minister of Mizoram.
13. President of India is the president of the council of Scientific and Industrial Research.
14. Mumbai was the venue of the Head of Asian Coast Guard Agencies Meeting.
15. As per the public affairs index-2022, Sikkim is the best-governed small state in India.
16. India ranked 5th in the International Shooting Sport Federation (ISSF) world championship shooting held in Osijek, Goatia.
17. Chandigarh city will host the Pravasi Bharatiya Divas 2023.
18. Para Megha supercomputer recently replaced Param-Ishan as the North East region’s fastest and most powerful supercomputer.
19. Under the Bharat Krishi Satellite programme, a minimum of 4 satellites will be required to cover the entire agricultural area of India.
20. Singapore was the host of the General Assembly of the International Criminal Police Organisation.

Current Affairs (International)

1. Singapore was the host of the 6th East Asia summit Education Ministers Meeting held in October 2022.
2. The name of Joseph W is related to the Eradication of poverty.
3. Tokyo, Japan was the host to the 6th summit of the conference of interaction & confidence-building measures in Asia.
4. Russia has blacklisted 24 Chinese companies for having been involved in the South China Sea dispute.
5. Yoshizaki Tatsuhiko is the longest-serving Prime Minister of Japan.
6. The south Pacific territory of New Caledonia has reflected independence from France.
7. Belarus has recently commenced operations of its Nuclear Power Plant.
8. Benjamin Netanyahu is the Prime Minister of Israel.
9. QUAD is a group of 4 countries: India, US, Japan & Australia.
10. Australia is building the world’s 1st platypus sanctuary.
11. China has recently come up with a policy for 3 children, as against the present 2 children limit.
12. Operation Pangea XIV was exercised by IMF.
13. UK launched the “Future Soldier” modernisation plan recently.
14. The world’s largest natural corundum blue sapphire – “Queen of Asia”, has been found in Bangladesh.
15. Strasbourg, France is the headquarters of the European Parliament.
16. Sweden has started a pilot project to produce “Green” steel by burning hydrogen.
17. USA recently posed “Sunshine Perfection Act” making daylight time (DST) permanent.
18. Russia’s central bank introduced a new payment system called “HELLO”
19. Sweden & Norway have been approved by US Senate to join NATO.
20. “Kazi Mazrul Islam” is the National poet of Pakistan.

History :

1. First Governor-General of Bengal was Warren Hastings
2. The territory of Porus who offered strong resistance to Alexander was situated between the rivers of Jhelum & Chenab.
3. The Kalinga was fought in 261BC.
4. The title of “Viceroy” was added to the Office of the governor-general of India for the first time in 1858AD.
5. Pali was the language of discourses of Gautama Buddha.
6. Mohammed Ali Jinnah had invented a slogan says “Divide & Q”
7. Portuguese were the 1st to establish “Printing Press” in India.
8. The iron pillar at Mehrauli in Delhi is believed to record the achievements of Chandra Gupta II.
9. Changragupta Maurya was a contemporary of Ashoka