

Q: Consider the following statement:

1. Baal Swaraj is a portal launched by NCPCR.
2. COVID care and Children in Street Situations (CiSS) are two major function of Baal Swaraj is a portal.
3. National Commission for Protection of Child Rights (NCPCR) is a constitutional body.

Choose the correct option from the codes given below:

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

Ans: a

Explanation:

- Baal Swaraj is a portal launched by NCPCR for online tracking and digital real-time monitoring mechanism of children in need of care and protection.
- The portal has two functions- COVID care and Children in Street Situations (CiSS).
- COVID Care link caters to the children who have lost either or both parents due to COVID-19 or otherwise post March 2020.
- National Commission for Protection of Child Rights (NCPCR) has been constituted by the Government of India, as a statutory body under section 3 of the Commissions for Protection of Child Rights (CPCR) Act, 2005 for dealing with the protection of child rights and related matters.

Q: Consider the following statement regarding CHIME:

1. This map will answer major questions related to weather.
2. It is designed to map the large-scale distribution of matter in the Universe in 3D.
3. CHIME is Canadian Hydrogen Intensity Mapping Experiment.

Choose the correct option from the codes given below:

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

Ans: b

Explanation:

- CHIME is **Canadian Hydrogen Intensity Mapping Experiment**, an **interferometric radio telescope** consisting of four large parabolic reflectors that is located at the Dominion Radio Astrophysical Observatory in British Columbia, Canada.
- The Canadian Hydrogen Intensity Mapping Experiment is a revolutionary new radio telescope designed to map the large-scale distribution of matter in the Universe in 3D.
- This map will answer major questions about the evolution of the Universe and cosmology.

Q: Consider the following statement:

1. Hindustan Zinc Alloys Pvt Ltd is a subsidiary of Hindustan Zinc.
2. The strategic purpose of the company is to reduce dependence on thermal power by scaling up the renewable energy.

Choose the correct option from the codes given below:

- a) 1 Only
- b) 2 Only
- c) 1 and 2
- d) None of the above

Ans: c

Explanation:

- Vedanta group firm Hindustan Zinc is looking at expanding its footprint in the production of zinc alloys and HZAPL has received approval to set up a 30 kilo tonnes per annum plant (KTPA).
- Hindustan Zinc Alloys Pvt Ltd (HZAPL) is a subsidiary of Hindustan Zinc.
- The move is in line with the company's strategic purpose of reducing dependence on thermal power by scaling up the renewable energy to cover 50 per cent of our energy requirement in the next three years and reduce the greenhouse gas (GHG) emissions from its operations.

Q: Recently, the Ministry of Law and Justice has unveiled a web-based application called LIMBS. Consider the following statement:

1. Facility of CNR
2. Direct integration with websites of various courts through APIs
3. Dashboard based platform with advanced data analytics

Choose the correct option from the codes given below:

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

Ans: d

Explanation:

- Dashboard based platform with advanced data analytics
- Facility of CNR (Case Number Record) number. Now, users can search cases using their CNR numbers.
- Direct integration with websites of various courts through APIs
- Conduct and Supervision of Litigation by DOLA (Department of Land Administration), CAS (Column Address Select or Strobe)/Litigation Sections of High Courts on behalf of Union of India in the Hon'ble Supreme Court, High Courts and Subordinate Courts
- Separate domain to enter and monitor Administrative Mechanism for Resolution of Commercial Disputes
- Supervision of cases, uploading of fee bills of Law Officers, Panel Counsels and advocated is also facilitated

Q: Consider the following statement:

1. Demand and Supply
2. Central bank policy
3. Foreign demand for exports

Which of the following factors determine the currency exchange rates?

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

Ans: d

Explanation:

- The price of any currency in a market economy is determined by supply and demand.
- The supply of a country's currency in the foreign exchange market is determined by various factors such as central bank policy and the local demand for imports and foreign assets.
- The demand for a country's currency, on the other hand, is determined by factors such as central bank policy and the foreign demand for exports and domestic assets.