

Q: Recently Indian Army inaugurated its first 3-D Printed House Dwelling Unit. Consider the following statement:

1. It is symbolic of the modern-day rapid construction efforts to cater for growing accommodation of the Armed Forces personnel.
2. This structure also stands testament to 'Atmanirbhar Bharat Abhiyan'.
3. The technique utilises a concrete two-dimensional design and fabricates.

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:

- The 3-D printed houses are symbolic of the modern-day rapid construction efforts to cater for growing accommodation requirements of the Armed Forces personnel.
- This structure also stands testament to the commitment of Indian Army in fostering the 'Atmanirbhar Bharat Abhiyan'.
- The technique utilises a concrete 3D printer that accepts a computerised three-dimensional design and fabricates a 3-D structure in a layer-by-layer manner by extruding a specialised type of concrete specifically designed for the purpose.

Q: Consider the following statement regarding Financial Stability Report:

1. It is released by NITI Aayog.
2. According to the report, gross non-performing assets (GNPA) ratio, declined to a seven-year low.
3. The GNPA ratio estimate is based on the macro-stress test performed to assess the resilience of banks' balance sheets.

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:

- Recently, the RBI released the Financial Stability Report (FSR).
- The gross non-performing assets (GNPA) ratio, which declined to a seven-year low of 5 per cent in September 2022, is expected to further improve to 4.9 per cent by September 2023, the Reserve Bank of India (RBI) said.
- The GNPA ratio estimate is based on the macro-stress test performed to assess the resilience of banks' balance sheets to unforeseen shocks emanating from the macroeconomic environment.

Q: Consider the following statement:

1. Hospital Management Information System (HMIS) provides a digital platform for healthcare providers.
2. National Health Authority (NHA) is the nodal agency for implementing Ayushman Bharat Digital Mission (ABDM).

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:

- The National Health Authority (NHA) is releasing the beta version of a lightweight, robust, and ABDM-compliant Hospital Management Information System (HMIS).
- This HMIS solution is envisioned to provide a digital platform for healthcare providers, particularly focusing on private clinics and small health facilities.
- NHA is the nodal agency for implementing Ayushman Bharat Digital Mission (ABDM) which aims to develop the backbone for the digital health infrastructure in India.
- In line with this vision, it is leveraging the strengths of the CoWIN module to develop a new HMIS solution.
- This will accelerate the digitization of small clinics and improve the discoverability of healthcare providers in India.

Q: Consider the following statement regarding National Research Development Corporation (NRDC):

1. It is a Public Sector Enterprise (PSE).
2. It assists the Inter-Ministerial Board (IMB) of DPIIT for technically evaluating Start-ups.

3. It is also associated with Indian Oil Corporation Limited (IOCL) for implementation of their Start-up Scheme.

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:

- Recently, the Ministry of Science & Technology said that beginning from 1st January, 2023, National Research Development Corporation (NRDC) will undertake Technology Commercialization for benefit of Start-Ups.
- Established in 1953, National Research Development Corporation (NRDC) is a PSE, Section 8 Company under DSIR playing a pivotal role in bridging the R&D and Industry.
- NRDC assists the Inter-Ministerial Board (IMB) of DPIIT for technically evaluating Start-ups for their recognition to avail benefits extended by Government of India and till date over 7500 applications of Start-ups have been assessed.
- NRDC is also associated with Indian Oil Corporation Limited (IOCL) for implementation of their Start-up Scheme from identification of start-ups and hand-holding to product launch.

Q: Consider the following statement regarding India-Australia Economic Cooperation and Trade Agreement:

1. India will benefit from preferential market access provided by Australia on 100% of its tariff lines.
2. India has offered market access to Australia in around 103 sub-sectors
3. Australia had not offered Most Favoured Nation (MFN) status to India.

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:

- The Ind-Aus ECTA provides an institutional mechanism to encourage and improve trade between the two countries. It covers almost all the tariff lines dealt by India and Australia.
- India will benefit from preferential market access provided by Australia on 100% of its tariff lines, including all the labour-intensive sectors of export interest to India, such as Gems and Jewellery, Textiles, leather, footwear, furniture, food, and agricultural products, engineering products, medical devices and Automobiles.
- As regards trade in services, Australia has offered wide-ranging commitments in around 135 sub-sectors and Most Favoured Nation (MFN) status in 120 sub-sectors covering key areas of interest to India.
- On the other hand, India has offered market access to Australia in around 103 sub-sectors and Most Favoured Nation status in 31 sub-sectors from the 11 broad service sectors such as 'business services', 'communication services', 'construction and related engineering services', and so on.