

**Que-1** The Defence Acquisition Council (DAC) has given the Acceptance of Necessity (AoN) for several capital acquisition projects of the Indian defence forces. This includes the procurement of next-generation Corvettes for the Indian Navy at an approximate cost of Rs 36,000 crore. So, what is a Corvette?

1- A Corvette is the smallest class of naval ships and it falls below the warship class of a frigate.

2- These are highly agile ships and are categorised as missile boats, anti-submarine ships, coastal patrol crafts and fast attack naval vessels.

3- The word corvette itself is derived from Russian origin.

Which of the following given above is/are correct

- a) 1 and 2 only      b) 1 only  
c) 1, 2 and 3      d) 2 and 3 only
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**Que-2** Consider the following statements about Protein 1 (PD1)

1- It is an inhibitory receptor that is expressed by all T cells during activation.

2- It regulates T cell effector functions during various physiological responses, including acute and chronic infection, cancer and autoimmunity, and in immune homeostasis.

3- PD1 is a type of protein that regulates certain functions of the immune system.

Which of the following given above is/are correct

- a) 1 and 2 only      b) 1 and 3 only  
c) 1, 2 and 3      d) 2 and 3 only
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**Que-3** What is the National e-Vidhan Application (NeVA) system?

1- It is a system for digitising the legislative bodies of all Indian states and the Parliament through a single platform on which house proceedings.

2- Kerala became the first state to implement NeVA, in March this year.

3- The NeVA system has been developed to make all the work and data related to legislative bodies available online for the use of both citizens and the members of Assemblies.

Which of the following given above is/are correct

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

**Que-4 What is the 'jail filling stations' plan?**

1- The Haryana state will set up these jail filling stations in association with the Indian Oil Corporation Limited.

2- Every prisoners will be allowed to work at the fuel stations.

3- The profit from these fuel stations will be deposited in the Prison Welfare Industrial Fund to use the same for the welfare of prisoners.

Which of the following given above is/are correct

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

**Que-5 With reference to G33 (or the Friends of Special Products in agriculture), consider the following statements**

1- This is a coalition of both developed as well as developing countries.

2- It is established prior to the 2003 Cancun ministerial conference, that have coordinated during the Doha Round of World Trade Organization negotiations, specifically in regard to agriculture.

3- Dominated by India, the group has "defensive" concerns regarding agriculture in relation to World Trade Organization negotiations, and seeks to limit the degree of

market opening required of developing countries.

Which of the following given above is/are correct

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

**Que-6 With reference to United Nations (UN), consider the following statements**

1- The United Nations (UN) is an international organization founded in 1945.

2- It is currently made up of more than 200 Member States.

3- India is a founding member of the United Nations.

Which of the following given above is/are correct

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

**Que-7 The First National Conference of Chief Secretaries chaired by Prime Minister was recently held at**

- a) Dharamshala  
b) Dehradun  
c) Amritsar  
d) Haridwar

**Que-8 Consider the following statements about Indian elm or chilbil seeds**

- 1- These are nutritious and have served as a ready-to-eat snack for children for ages.
- 2- The seeds are also called bandar ki roti or bread for monkeys.
- 3- When green, they can be consumed raw, mixed with salads, or can be cooked along with other vegetables.

Which of the following given above is/are correct

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

**ANSWER**

1- (a)

- The word corvette itself is derived from French and Dutch origin.
- The Indian Navy at present has the Kamorta Class Corvettes, which are also known as Project 28. These ships have an anti-submarine role and are manufactured at Garden Reach Shipbuilders and Engineers in Kolkata. The four Kamorta Class Corvettes that the Indian Navy possesses are named INS Kamorta, INS Kadmat, INS Kiltan and INS Kavaratti. The first of these was commissioned in 2014 and the last one in 2020.

2- (c)

- 'Mismatch repair deficient' cancer is most common among colorectal, gastrointestinal, and endometrial cancers. Patients suffering from this condition lack the genes to correct typos in the DNA that occur naturally while cells make copies.
- The immunotherapy belongs to a category called PD1 blockades that are now recommended for the treatment of such cancers rather than chemotherapy or radiotherapy. PD1 is a type of protein that regulates certain functions of the immune system, including by suppressing T cell activity, and PD1 blockade therapy looks to release the T cells from this suppression.

- The anomalies in the DNA result in cancerous growths in patients with mismatch repair deficient cancers.

3- (b)

- Nagaland became the first state to implement NeVA, in March this year.
- The National e-Vidhan Application (NeVA) is a system for digitising the legislative bodies of all Indian states and the Parliament through a single platform on which house proceedings, starred/unstarred questions and answers, committee reports etc. will

be available. Nagaland became the first state to implement NeVA, in March this year.

- The NeVA system has been developed to make all the work and data related to legislative bodies available online for the use of both citizens and the members of Assemblies. It includes a website and a mobile app.
- There has been a shift towards digitisation in recent years by the government. Prime Minister mentioned the idea of “One Nation One Legislative Platform” in November 2021.

- Dominated by India, the group has "defensive" concerns regarding agriculture in relation to World Trade Organization negotiations, and seeks to limit the degree of market opening required of developing countries.
- The group has advocated the creation of a "special products" exemption, which would allow developing countries to exempt certain products from tariff exemptions, and also a "special safeguard mechanism" which would permit tariff increases in response to import surges.

6- (b)

- It is currently made up of 193 Member States.
- The Union Cabinet chaired by the Prime Minister, has approved the proposal for signing of an agreement between the Government of India and the United Nations on a ‘Way Finding Application’ to be used in the Palais des Nations, United Nations Office at Geneva (UNOG).
- The United Nations Office at Geneva (UNOG), consisting of five buildings and 21 floors, is housed at the historic Palais des Nations. Large number of delegates, members of civil society and general public visit UNOG to participate in various meetings and conventions.

4- (b)

- The Haryana government has planned to set up fuel stations in outer premises of 11 jails in Haryana on the pattern of similar fuel stations in Telangana.
- Only convicted prisoners with good conduct who have already spent a considerable period in the jails in proportionate to their jail term will be allowed to work at the fuel stations. Undertrials are not allowed to work here.

5- (d)

- This is a coalition of developing countries.

- Keeping in view the complexity of buildings and huge participation, there was a requirement of a navigational application which can help the visitors and other delegates in finding their way inside the premises while adhering to all security perspectives.
- While the Global Positioning System (GPS) based Apps function in open space, a more precise in-building navigational App will assist the visitors in locating the room and offices.
- The project of development of 'Way Finding Application' has been conceptualized as donation from the Government of India to UN on the occasion of its 75th anniversary in 2020. The estimated financial implication for development deployment and maintenance of the App is \$ 2 Million.

7- (a)

- The First National Conference of Chief Secretaries chaired by Prime Minister was held at HPCA Stadium in Dharamshala, Himachal Pradesh.
- The concept and agenda for this conference has been curated after more than 100 rounds of deliberations spread over six months. Three themes have been identified for detailed deliberations in the

Conference: (i) Implementation of the National Education Policy; (ii) Urban governance; and (iii) Crop diversification and achieving self-sufficiency in oilseeds, pulses and other agri-commodities. Under National Education Policy, both school and higher education shall be deliberated upon. Best practices from States/ UTs under each of the themes shall be presented at the Conference for mutual learning.

8- (c)

- The tree, also known as jungle cork tree or *Holoptelea integrifolia* in scientific lexicon, is native to the country and is referred to as chilbil, papri, kanju and several other names in local languages.
- When green, they can be consumed raw, mixed with salads, or can be cooked along with other vegetables. When dried, the seeds are used as a dry fruit after removal of the wings.
- Several ethnobotanical surveys suggest that the seeds are consumed by tribal communities, particularly those in Uttar Pradesh's Sonbhadra district, Bihar's Gaya district and in Himalayan Terai region.
- Known as chirbilva in Sanskrit, the seeds have several uses in traditional medicine.