

September 21, 2018

Q.1) Consider the following statements

1. DRIP seeks to assist States in the rehabilitation and improvement of large dams
2. DHARMA is a web-based software package to support the effective collection and management of Dam Safety data in respect of all large dams

Select the correct statements

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

Q.1) Solution (c)

The objectives of DRIP are to improve the safety and operational performance of selected existing dams and associated appurtenances in a sustainable manner, and to strengthen the dam safety institutional setup of participating States / Implementing Agencies.

Dam Rehabilitation and Improvement Project (DRIP) is an externally-aided project. 80% of the total project is provided by the World Bank as loan/credit and remaining 20% is borne by the States / Central Government (for CWC). Govt. of India has not sought funding from any internal agency for this project.

DHARMA is a web tool to digitize all dam related data effectively. It will help to document authentic asset and health information pertaining to the large dams in the country, enabling appropriate actions to ensure need based rehabilitation. DHARMA is a tool developed and operated by Central Water Commission.

Source: <http://pib.nic.in/newsite/PrintRelease.aspx?relid=183555>

Q.2) In the context, what is the implication of ratifying the 'Additional protocol' with the international Atomic Energy Agency (IAEA)?

- a) The military nuclear installations come under the inspection of IAEA.
- b) The country will have the privilege to buy uranium from the Nuclear Suppliers Group (NSG).
- c) The country automatically becomes a member of the NSG
- d) The civilian nuclear reactors come under IAEA safeguards.

September 21, 2018

Q.2) Solution (d)

It is a protocol to a safeguards agreement that provides additional tools for verification.

It increases the IAEA's ability to verify the peaceful use of all nuclear material in States with comprehensive safeguards agreements.

Source: <https://www.thehindubusinessline.com/economy/india-puts-four-more-nuclear-facilities-under-iaea-safeguards/article24988409.ece>

Q.3) 'Exercise Aviaindra' is an Air Force level exercise between India and

- a) Russia
- b) France
- c) Japan
- d) United Kingdom

Q.3) Solution (a)

Source: <http://pib.nic.in/newsite/PrintRelease.aspx?relid=183578>

Q.4) Consider the following statements about Nuclear Command Authority (NCA)

1. Executive Council is chaired by the Cabinet Secretary
2. Political Council is chaired by the Prime Minister
3. The directives of the NCA are to be operationalised by the Strategic Forces Command under the control of a Commander-in-Chief of the rank of Air Marshal

Select the correct statements

- a) 1 and 2
- b) 2 and 3
- c) 1 and 3
- d) All of the above

Q.4) Solution (b)

NCA is responsible for command, control and operational decisions regarding India's nuclear weapons programme. Organisational structure of NCA includes Political Council and

September 21, 2018

Executive Council. Executive Council is headed by National Security Advisor and Political Council is headed by Prime Minister. The Executive Council gives its opinion to the Political Council, which authorises a nuclear attack when deemed necessary. Strategic Forces Command is a part of Nuclear Command Authority, responsible to operationalize the directives of NCA and for the management and administration of the country's tactical and strategic nuclear weapons stockpile. SFC is headed by Commander-in-chief of the rank of Air Marshal. It will have the sole responsibility of initiating the process of delivering nuclear weapons and warheads, after acquiring explicit approval from the NCA.

Q.5) 'Urja Ganga' is concerned with

- a) River Ganga Rejuvenation
- b) Hydro Electric Projects in Ganga Basin
- c) Gas Pipeline Project
- d) Mekong Ganga Cooperation

Q.5) Solution (c)

It is a gas pipeline project of length 2540-km planned to be laid across the states from Uttar Pradesh to Odisha.

