

Q.1) Consider the following statements about 'Sangeet Natak Akademi'

1. It is an Autonomous Body of the Ministry of Culture
2. The Chairman is appointed by the President of India and holds office for a term of five years

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 Sangeet Natak Akademi - India's national academy for music, dance and drama - is the first National Academy of the arts set-up by the Republic of India. It was created by a resolution of the (then) Ministry of Education, Government of India, dated 31 May 1952 notified in the Gazette of India of June 1952. The Akademi became functional the following year, with the appointment of its first Chairman, Dr P.V. Rajamannar, and the formation of its all-India council of representatives, the General Council. The first President of India, Dr Rajendra Prasad, inaugurated it on 28 January 1953 in a special function held in the Parliament House.

The Sangeet Natak Akademi is presently an Autonomous Body of the Ministry of Culture, Government of India and is fully funded by the Government for implementation of its schemes and programmes.

Chairman

- The Chairman shall be appointed by the President of India and shall hold office for a term of five years.
- The Chairman shall have the powers to take decisions on behalf of the General Councillor Executive Board when circumstances so warrant subject to the condition that the decision taken by the Chairman would need to be ratified by the General Councillor the executive Board as the case may be at its next meeting.
- The Chairman may delegate such of his powers as he may consider necessary to the Vice Chairman or to the Secretary.

Vice-Chairman

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- The Vice-Chairman shall be elected by the General Council of the Akademi from among its members and shall hold office for five years. But the first Vice-Chairman shall be appointed by the Government of India.
- The Vice-Chairman shall, in the absence of the Chairman for whatever reason, exercise all the functions and power of the Chairman.

Source: <https://economictimes.indiatimes.com/magazines/panache/president-ram-nath-kovind-confers-sangeet-natak-akademi-awards-fellowships/articleshow/62555453.cms>

Q.2) "Cloud AutoML" is launched by

- a) Google
- b) Microsoft
- c) Adobe
- d) Amazon

Q.2) Solution (a)

Google has launched "Cloud AutoML", a product that enables businesses with limited Machine Learning (ML) expertise to build high quality, custom Artificial Intelligence (AI) models to improve their product or service.

"Cloud AutoML" will let businesses and developers train custom vision models for their own use cases.

Google's first "Cloud AutoML" release is "Cloud AutoML Vision", a service that makes it faster and easier to create custom ML models for image recognition.

Its drag and drop interface lets users easily upload images, train and manage models, and then deploy those trained models directly on Google Cloud.

Source: <http://indianexpress.com/article/technology/google-cloud-automl-wants-to-make-ai-accessible-for-all-businesses/>

Q.3) 'Eco mark' is given to the Indian products that are

- a) Pure and unadulterated
- b) Rich in proteins
- c) Environment friendly
- d) Economically viable

Q.3) Solution (c)

Eco-mark is a voluntary labelling scheme for easily identifying environment friendly products. The Eco-mark scheme defines as an environmentally friendly product, any product which is made, used or disposed of in a way that significantly reduces the harm it would otherwise cause the environment. The definition factors in all aspects of the supply chain, taking a cradle-to-grave approach, which includes raw material extraction, manufacturing and disposal.

What sets eco-mark apart from other labels is that not only does the product have to meet strict environmental requirements, but it also has to meet strict quality requirements.

The scheme is one of India's earliest efforts in environmental standards, launched in 1991, even before the 1992 Rio Summit in which India participated. The scheme was launched by the Ministry of Environment and Forests, and is administered by the Bureau of Indian Standards (BIS), which also administers the Indian Standards Institute (ISI) mark quality label, a requirement for any product to gain the Eco-mark label.

Q.4) Which one of the following elements is essential for the construction of nuclear reactors?

- a) Cobalt
- b) Nickel
- c) Zirconium
- d) Tungsten

Q.4) Solution (c)

Zirconium is used in nuclear reactors to provide the cladding, or outer covering, for the cylindrical fuel rods that power a nuclear reaction. Packed inside the zirconium cladding are pellets of uranium oxide or other fissionable materials.

Q.5) Which one of the following is a language of Baluchistan but linguistically Dravidian?

- a) Brahui
- b) Kui
- c) Parji

d) Pengo

Q.5) Solution (a)

Brahui is a Dravidian language spoken primarily by the Brahui people in the central part of Balochistan province in Pakistan, and in scattered parts of Afghanistan, Iran, and Turkmenistan, and by expatriate Brahui communities in Qatar, United Arab Emirates, and Iraq. It is isolated from the nearest Dravidian-speaking neighbour population of South India by a distance of more than 1,500 kilometres (930 mi). Kalat, Khuzdar, Mastung, and parts of Quetta district of Balochistan Province are predominantly Brahui-speaking.

Source: <http://www.livemint.com/Sundayapp/IWCoIz2K5dPycrhS1gk6nJ/A-slice-of-south-India-in-Balochistan.html>

