

Que-1 With reference to Employees' State Insurance Corporation (ESIC), consider the following statements

1- It is one and only statutory social security bodies under the ownership of Ministry of Labour and Employment.

2- Prof. B.P.Adarkar report on the health insurance scheme for industrial workers became the basis for the Employment State Insurance (ESI) Act of 1948.

3- The act was initially intended for factory workers but later became applicable to all establishments having 10 or more workers.

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-2 With reference to Megalodon, consider the following statements

1- Megalodons roamed the oceans an estimated 23 million to 2.6 million years ago.

2- It is an extinct species of mackerel whale.

3- Megalodon is only known from fragmentary remains, and its appearance and maximum size are uncertain.

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-3 With reference to Tasmanian Tiger (*Thylacinus cynocephalus*), consider the following statements

1- The species earned its nickname Tasmanian Tiger because of the stripes along its back.

2- It was a slow-paced carnivorous that usually hunted alone or in pairs at night.

3- Once widespread in the grass and woodlands of continental Australia extending north to New Guinea and south to Tasmania, the animal's fate changed after the European Colonisation of Australia.

Which of the following given above is/are correct

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

Que-4 What are Karnataka's Mudhol hounds?

1- Known for their hunting and guarding skills.

2- The dogs are fast runners, with excellent stamina and agility, and have a sharp vision and a keen sense of smell.

3- The Mudhol hounds are believed to have been bred first by Raja Krishna Dev Rai of the erstwhile Deccan kingdom of Mudhol.

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

Que-5 With reference to West Nile virus, consider the following statements

- 1- West Nile virus is spread through a bite from an infected mosquito and can infect humans, birds and other mammals.
2- Birds are the main host of the virus and mosquitoes become infected by biting birds.
3- It is a double-stranded RNA virus that causes West Nile fever.

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 only

Que-6 With reference to Rashtriya Bal Swasthya Karyakram (RBSK), consider the following statements

- 1- Aiming at early identification and early intervention for children from birth to 18 years to cover 4 'D's viz. Defects at birth, Deficiencies, Diseases, Development delays including disability.
2- The services aim to cover children of 0-6 years of age in rural areas and urban slums in addition to children enrolled in

classes I to XII in Government and Government aided Schools

- 3- First level of screening is to be done at all delivery points through existing Medical Officers, Staff Nurses and Auxiliary nurse midwife (ANMs).

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

Que-7 Consider the following statements about Ude Desh ka Aam Naagrik (UDAN) Scheme

- 1- It is a regional airport development program of the Government of India and part of the Regional Connectivity Scheme (RCS) of upgrading under-serviced air routes.
2- Its goal is to make air travel affordable and improve economic development in India.
3- The scheme will be 100% funded by the central government.

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-8 Consider the following statements about Customs (Administration of Rules of Origin under Trade Agreements) or CAROTAR Rules

1- It empowers the customs officers to ask the importer to furnish further information, consistent with the trade agreement, in case the officer has reasons to believe that the country-of-origin criteria have not been met.

2- In the event of a conflict between a provision of these rules and a provision of the Rules of Origin, the provision of the Rules of Origin shall prevail to the extent of the conflict.

Which of the following given above is/are correct

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

ANSWER

1- (d)

- Employees' State Insurance Corporation (abbreviated as ESIC) is one of the two main statutory social security bodies under the ownership of Ministry of Labour and Employment, Government of India, the other being the Employees' Provident Fund Organisation.

- The fund is managed by the Employees' State Insurance Corporation (ESIC) according to rules and regulations stipulated in the ESI Act 1948.

2- (b)

- The word megalodon derives from Greek, meaning "giant tooth."
- Megalodon was the largest fish that ever lived. The largest individuals measured up to 58.7 feet or even larger. That's about three times as big as the largest sharks in the ocean today.
- It is an extinct species of mackerel shark.

3- (c)

- Scientists in the US and Australia have embarked on a \$15-million project to resurrect the thylacine or Tasmanian Tiger, a marsupial that went extinct in the 1930s, using gene-editing technology. The ambitious project aims to reintroduce the animal to its native place Tasmania to revive the region's lost ecological balance.
- Tasmanian Tiger (Thylacinus cynocephalus), the only animal in the Thylacinidae family to survive in modern times, was a marsupial mammal that raises young ones in a pouch.

- Even though the species earned its nickname Tasmanian Tiger because of the stripes along its back, it was a slow-paced carnivorous that usually hunted alone or in pairs at night. The sharply clawed animal had a dog-like head and ate kangaroos, other marsupials, small rodents, and birds.

4- (a)

- The Mudhol hounds are believed to have been bred first by Raja Malojirao Ghorpade of the erstwhile Deccan kingdom of Mudhol who, after seeing the qualities of the dogs that the tribals of his territory kept, decided to breed them selectively. The Raja is said to have presented a couple of these dogs to King George V on a visit to England, whereafter the breed got the name of Mudhol hound.

5- (a)

- It is a member of the family Flaviviridae, specifically from the genus Flavivirus, which also contains the Zika virus, dengue virus, and yellow fever virus.
- It is a single-stranded RNA virus that causes West Nile fever.
- There are no vaccines or medicines that specifically treat West Nile virus infections. Over-the-counter pain relievers can be used to help with

some symptoms and hospitalization may be necessary for more severe cases.

6- (c)

- It is important to note that the 0 - 6 years age group will be specifically managed at District Early Intervention Center (DEIC) level while for 6 -18 years age group, management of conditions will be done through existing public health facilities. DEIC will act as referral linkages for both the age groups.
- First level of screening is to be done at all delivery points through existing Medical Officers, Staff Nurses and ANMs. After 48 hours till 6 weeks the screening of newborns will be done by ASHA at home as a part of HBNC package. Outreach screening will be done by dedicated mobile block level teams for 6 weeks to 6 years at anganwadis centres and 6 - 18 years children at school.
- Once the child is screened and referred from any of these points of identification, it would be ensured that the necessary treatment/intervention is delivered at zero cost to the family.

7- (a)

- The scheme will be jointly funded by the central government and state governments, several states have come on board by signing the "Memorandum of Understanding" with the union government for this scheme.
- UDAN-RCS is both an enabler and a beneficiary of other key Government of India schemes, such as Bharatmala, Sagarmala, Dedicated Freight Corridors, Industrial corridor, BharatNet, Digital India and Make in India, National e-Governance Plan, Startup India and Standup India.
- UDAN 4.1: Its focus is on connecting small airports, special helicopter and seaplane routes under UDAN. New routes have also been proposed under Sagarmala seaplane services.

8- (c)

- India has inked FTAs with several countries, including the UAE, Mauritius, Japan, South Korea, Singapore, and ASEAN members.
- Under an FTA, the trading partners agree to significantly reduce or eliminate import/customs duties on the maximum number of goods traded between them, besides relaxing norms to promote trade in services and investments.
- The 'rules of origin' provision prescribes for minimal processing that should happen in the FTA country so that the final manufactured product may be called originating goods in that country.
- Under this provision, a country that has inked an FTA with India cannot dump goods from some third country in the Indian market by just putting a label on it. It has to undertake a prescribed value addition in that product to export to India. Rules of origin norms help contain dumping of goods.

The scheme has been implemented in five phases so far:

- UDAN 1.0: 36 new airports commissioned. 128 flight routes for 70 airports were awarded to 5 airline companies.
- UDAN 2.0: It added helipad for the first time. In 2018, 73 unserved airports were announced.
- UDAN 3.0: This included tourist routes, seaplanes to connect water aerodromes and routes under 'UDAN' in the North-East region.
- UDAN 4.0: 78 new routes approved in 2020. In this phase, Kavaratti, Agatti and Minicoy islands of Lakshadweep will also be connected by new routes.