

Q.1) Which of the following statements is/are correct wrt. 'Computer Emergency Response Team (CERT-In)'?

1. It is an office within the Ministry of Electronics and Information Technology.
2. It is the nodal agency to deal with cyber security threats like hacking and phishing.

Select the correct code:

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

Q.1) Solution (c)

CERT-In

- The Indian Computer Emergency Response Team (CERT-In) is an office within the Ministry of Electronics and Information Technology.
- It is the nodal agency to deal with cyber security threats like hacking and phishing. It strengthens security-related defence of the Indian Internet domain.
- According to the provisions of the Information Technology Amendment Act 2008, CERT-In is responsible for overseeing administration of the Act.

Source: <https://indianexpress.com/article/india/35-of-cyber-attacks-on-indian-sites-from-china-official-report/>

Q.2) Consider the following statements about 'ICOMOS'

1. It is a global non-governmental organization
2. Its mission is to promote the conservation, protection, use and enhancement of monuments, building complexes and sites
3. It is an Advisory Body of the World Heritage Committee for the implementation of the World Heritage Convention of UNESCO

Select the correct statements

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

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Q.2) Solution (d)

ICOMOS, the International Council on Monuments and Sites, is a global non-governmental organization associated with UNESCO. Its mission is to promote the conservation, protection, use and enhancement of monuments, building complexes and sites. It participates in the development of doctrine and the evolution and distribution of ideas, and conducts advocacy. ICOMOS is an Advisory Body of the World Heritage Committee for the implementation of the World Heritage Convention of UNESCO. As such, it reviews the nominations of cultural world heritage and ensures the conservation status of properties.

Its creation in 1965 is the logical outcome of initial conversations between architects, historians and international experts that began in the early twentieth century and that materialized in the adoption of the Venice Charter in 1964. It is headquartered in Paris

Source: https://www.business-standard.com/article/pti-stories/icomos-launches-initiative-to-save-cultural-heritage-damaged-in-flood-hit-kerala-118082200433_1.html

Q.3) Consider the following statements about 'Bondi Bond'

1. It is world's first blockchain bond
2. It was launched by Germany

Select the correct statements

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

Q.3) Solution (a)

The World Bank has priced the world's first public bond created and managed using only blockchain in a A\$100 million (\$73.16 million) deal designed to test how the technology might improve decades-old bond sales practices.

The prototype deal, dubbed a "Bondi" bond - standing for Blockchain Operated New Debt Instrument as well as a reference to Australia's most famous beach — is being viewed as an initial step in moving bond sales away from manual processes towards faster and cheaper automation.

Source: <https://www.livemint.com/Money/W1skKyHsraJNnYKJ6IPvJI/World-Bank-launches-worldfirst-blockchain-bond.html>

Q.4) Consider the following statements with regard to Bharat stage emission standards (BSES)

1. The standards and the timeline for implementation are set by Central Pollution Control Board
2. India will be skipping BS-V and directly move to BS-VI from BS-IV

Which of the following statements is/are correct?

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

Q.4) Solution (c)

Bharat stage emission standards are emission standards instituted by the Government of India to regulate the output of air pollutants from internal combustion engine equipment, including motor vehicles.

The standards and the timeline for implementation are set by the Central Pollution Control Board under the Ministry of Environment & Forests and climate change.

The Bharat Stage norms are based on European regulations.

Source: <https://www.moneycontrol.com/news/technology/auto/auto-wrap-govt-allows-electrification-of-cars-car-makers-raise-prices-2856871.html>

Q.5) Which of the following statements about 'Copernicus Programme' is correct?

- a) It is the European Union's Earth Observation Programme
- b) It is India's Satellite Navigation Programme by ISRO
- c) It is a Mars Exploration Program by NASA
- d) It is a programme proposed by SpaceX to develop a Mars transportation infrastructure in order to facilitate the eventual colonization of Mars

Q.5) Solution (a)

Copernicus is the world's largest single earth observation programme and is directed by the European Commission in partnership with the European Space Agency (ESA).