

October 17, 2018

Q.1) Consider the following statements with respect to 'HarvestPlus'

1. It focuses on three critical micronutrients recognized by the World Health Organization as most limiting in diets: iron, zinc, and vitamin A.
2. It is part of the CGIAR Research Program on Agriculture for Nutrition and Health (A4NH).

Select the correct statements

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

Q.1) Solution (c)

HarvestPlus seeks to reduce hidden hunger and provide micronutrients to billions of people directly through the staple foods that they eat. It uses a novel process called biofortification to breed higher levels of micronutrients directly into key staple foods.

HarvestPlus focuses on three critical micronutrients that recognized by the World Health Organization (WHO) as most limiting in diets: iron, zinc, and vitamin A. Efforts are underway to biofortify seven of the most important staple food crops in the developing world: bean, cassava, maize, pearl millet, rice, sweet potato and wheat.

In late 2002, the CGIAR Micronutrients Project was selected to be one of three pioneer CGIAR Challenge Programs. In 2004, the HarvestPlus Challenge Program was officially launched when it became the first recipient of funding for biofortification research granted by the Bill & Melinda Gates Foundation. It has also received funding from many other generous donors. HarvestPlus has since emerged as a global leader in developing biofortified crops and now works with more than 200 agricultural and nutrition scientists around the world. It is co-convened by the International Center for Tropical Agriculture (CIAT) and the International Food Policy Research Institute (IFPRI).

HarvestPlus is part of the CGIAR Research Program on Agriculture for Nutrition and Health (A4NH).

Read More - <http://www.harvestplus.org/content/about>

Q.2) Consider the following statements about 'Youth Road Safety Learners License Programme'

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1. It was launched by the Ministry of Road Transport & Highways
2. India committed to this at the 2nd Global High Level Conference on Road Safety, wherein the Brasilia Declaration

Select the correct statements

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

Q.2) Solution (a)

The programme is a PPP initiative to be run in collaboration with Diageo India and the Institute of Road Traffic Education (IRTE), and attempts to bring a formal and structured training program for young, first-time drivers as they apply for learner's license.

Source: <http://pib.nic.in/newsite/PrintRelease.aspx?relid=184190>

Q.3) What is/are the purpose/purposes of Government's 'Sovereign Gold Bond Scheme'?

1. To promote FDI in the gold and jewellery sector
2. To reduce India's dependence on gold imports

Select the correct answer using the code given below

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

Q.3) Solution (b)

Gold bonds will reduce the imports of the physical gold and thus help reduce our current account deficit.

It doesn't promote FDI.

Read More - <https://www.businesstoday.in/top-story/sovereign-gold-bond-scheme-opens-all-you-need-to-know/story/285221.html>

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Q.4) With reference to 'Bitcoins' sometimes seen in the news, which of the following statements is/are correct?

1. Bitcoins are tracked by the Central Banks of the countries.
2. Anyone with a Bitcoin address can send and receive Bitcoins from anyone else with a Bitcoin address.
3. Online payments can be sent without either side knowing the identity of the other

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)

Bitcoin (₿) is a cryptocurrency, a form of electronic cash. It is a decentralized digital currency without a central bank or single administrator that can be sent from user-to-user on the peer-to-peer bitcoin network without the need for intermediaries.

In the blockchain, bitcoins are registered to bitcoin addresses. Creating a bitcoin address requires nothing more than picking a random valid private key and computing the corresponding bitcoin address.

Q.5) Consider the following statements about Chandra X-ray Observatory

1. It is launched by NASA
2. It is a telescope specially designed to detect X-ray emission from very hot regions of the Universe

Select the correct statements

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

Q.5) Solution (c)

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NASA's Chandra X-ray Observatory is a telescope specially designed to detect X-ray emission from very hot regions of the Universe such as exploded stars, clusters of galaxies, and matter around black holes. Because X-rays are absorbed by Earth's atmosphere, Chandra must orbit above it, up to an altitude of 139,000 km (86,500 mi) in space.

Read More - <http://chandra.harvard.edu/about/>

