

January 22, 2019

Q.1) 'Test and Treat Policy' is associated with which of the following diseases?

- a) Tuberculosis
- b) Leprosy
- c) Malaria and Dengue
- d) HIV/AIDS

Q.1) Solution (d)

The Government has launched the 'Test and Treat Policy for HIV patients' in April 2017. As per this policy all people living with HIV (PLHIV) are to be treated with Antiretro Viral Therapy regardless of CD4 count, clinical stage, age or population.

Q.2) Which of the following are cold currents?

- 1. Kuroshio current
- 2. Aughulas current
- 3. Benguela current
- 4. Labrador current

Select the correct answer using the code given below.

- a) 1 and 2 only
- b) 1 and 3 only
- c) 3 and 4 only
- d) 2 and 4 only

Q.2) Solution (c)

Labrador Current: Cold current, Originates in Baffin bay drifts south eastwards between Baffin island and Greenland and mergers with Gulf stream off New Foundland.

Benguela Current: Cold current, Flows northwards along the western coast of South Africa.

Kuroshio or Japan Current: Warm current, Flows from Taiwan to Bering Strait.

Aughulas Current: Warm current, Indian equatorial current flows westwards in the south India Ocean, bifurcates at Madagascar and flows as Mozambique and Aughulas current in the southern direction.

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Q.3) Solar energy has the potential to reduce the effects of Climate change but the efficiency and cost of solar cells are very high in comparison to other sources. In context of it, which of the following ways researchers are seeking to drive down the cost of solar photovoltaic cells?

1. Using new thinner materials
2. Use of solar ink
3. Removing impurities in Silicon

Choose the correct option

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

Q.3) Solution (a)

Impurities in the silicon actually cause the free electron movement that creates electric current. But scientists are working on newer and thinner materials, even solar ink or paint. And numerous companies aim to lower transaction costs by enabling customers to design and order online.

Q.4) A post-graduate degree holder working as a clerk in an office is an example of?

- a) Structural Unemployment
- b) Underemployment
- c) Frictional Unemployment
- d) Disguised Unemployment

Q.4) Solution (b)

Underemployment is defined as a situation where people are working fewer hours than they wish.

Underemployment may also refer to the fact workers accept jobs that don't utilize their skills.

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Q.5) Bankim Chandra Chatterjee's work 'Anandmath', one of the most important novels in the history of Bengali and Indian literature, was set in the background of –

- a) Ramosi Uprising
- b) Santhal Rebellion
- c) Sannyasi-Faqir Rebellion
- d) Sawantwadi Revolt

Q.5) Solution (c)

Anandamath is a Bengali novel, written by Bankim Chandra Chattopadhyay and published in 1882.

It is considered one of the most important novels in the history of Bengali and Indian literature whose work was set in background of the cause of Faqir-Sannyasis Rebellion

Its importance is heightened by the fact that it became synonymous with the struggle for Indian independence from the British Empire. The novel was banned by the British. The ban was lifted later by the Government of India after independence.

The national song of India, Vande Mataram, was first published in this novel.

