

IASbaba's Daily Prelims Test [Day 42]

Topic- Environment, India Year Book and Current Affairs

1. Consider the following statements regarding Compensatory Afforestation Fund Bill, 2015

1. A National CAF (NCAF) will be established for pan India to compensate loss of forest land diverted for non-forest purpose.
2. The NCAF will be established under Consolidated Fund of India.
3. Compensatory afforestation is defined as afforestation done in lieu of the diversion of forest land for non forest use under the Indian Forest Act, 1927.

Select the correct code/s

1. 1, 2 and 3
2. 1 and 3
3. Only 1
4. None

Solution- 4

There will National as well as State CAF to be established. It will be established under Public Fund of India. And the act that defined CA is Forest Conservation Act, 1980.

2. Arrange the following in increasing order of Tree Cover in India

1. East Deccan
2. West Coast
3. Central Highland
4. Eastern Himalayas

Codes

1. 2-1-3-4
2. 1-2-3-4
3. 4-1-3-2
4. 3-2-4-1

Solution- 3

West Coast (10,391 sq km)

Central Highlands (10,127 sq km)

East Deccan (9,644 sq km)

Eastern Himalaya- 448 sq

3. Forest Fire is increasingly affecting the flora and fauna of the region. Consider the statements regarding this

1. In India, highest forests fire vulnerability is for Arunachal Pradesh
2. Semi-Evergreen and Evergreen Forests are most vulnerable
3. Controlled fires helps in regenerating the forests types like Moist, Evergreen and Montane Temperate Forests.

Select the correct option

1. Only 1
2. Only 2
3. Only 3
4. All

Solution- 3

Highest Forest Fire vulnerability is in the order- MP-Maharashtra-Andhra Pradesh

Dry Deciduous Forests are most vulnerable

4. The decomposed organic matter is called Humus and is very useful for the soil. Consider the following statements regarding Humus

1. Humus is only produced naturally
2. It includes cellular structure decay of plants, animals and micro-organisms
3. It is an unstable entity due to constant degradation tendency

Select the correct code

1. 1, 2 and 3
2. 2 and 3
3. 1 and 2
4. None

Solution- 4

The process of "humification" can occur naturally in soil, or in the production of compost.

Humus refers to the fraction of soil organic matter that is amorphous and without the "cellular structure characteristic of plants, micro-organisms or animals.

It is stable. Much of the humus in most soils has persisted for more than a hundred years (rather than having been decomposed to CO₂), and can be regarded as stable; this is organic matter that has been protected from decomposition by microbial or enzyme action because it is hidden (occluded) inside small aggregates of soil particles or tightly attached to clays.

5. Consider the following

1. Open Forest
2. Very Dense Forest
3. With a tree canopy of more than 20 %
4. Bamboo and Palm Trees are excluded
5. Scrubs

Which of the above constitute FOREST COVER?

1. 1, 2, 3 and 5
2. 2, 4 and 5
3. 1, 3, 4 and 5
4. 1 and 2

Solution- 4

Forest Cover includes

Open Forest, Very Dense Forest and Moderately Dense Forest

FSI, 2013 report

6. "It refers to preventative, injurious or destructive effects on the insect life history which result from the insect's use of a resistant host variety or species for food". It is

1. Antifeedant
2. Antibiosis
3. Biological Control
4. Endotoxin

Solution- 2

7. It is the actual expression of the character as determined by a person's genes & the environment in which he has lived. This statement suits most to which of the following

1. Genotype
2. Phenotype
3. Allel
4. Inheritance

Solution- 2

8. Consider the following

1. Lady bugs
2. Caterpillars
3. Virus
4. Fungi
5. Dragonflies

Which of them are used as Bio-Control Agents?

1. 1, 2, 3, 4 and 5
2. 1, 2, 4 and 5
3. 3, 4 and 5
4. 1, 3, 4 and 5

Solution- 4

Lady bugs are used to kill Caterpillars.

9. Arrange the following in correct chronology of launch

1. National Urban Livelihood Mission
2. Indira Awas Yojna
3. Jawahar Lal Nehru National Solar Mission
4. Swarna Jayanti Shahri Rozgar Yojna

Correct code

1. 4-2-1-3
2. 2-3-1-4
3. 2-4-3-1
4. 4-1-2-3

Solution- 3

National Urban Livelihood Mission- 2013

Indira Awas Yojna 1985

Jawahar Lal Nehru National Solar Mission- 2005

Swarna Jayanti Shahri Rozgar Yojna- 1997

10. Consider the following statements

1. National Rural Livelihood Mission has been restructured into Swamjayanti Gram SwarozgarYojana (SGSY)
2. Recently SGSY is subsequently renamed as 'Aajeevika'.
3. The restructuring of schemes are consequence of inefficient social mobilization of poor, improper SHG's formation and low credit mobilization.

Select the Wrong code

1. 1, 2 and 3
2. 1 and 2
3. Only 3
4. 1 and 3

Solution- 2

First two statements are interchanged. Read carefully. NRLM was as a result of restructuring of SGSY, not otherwise. And Aajeevika is new name of NRLM. Third statement is correct

11. National Social Assistance Program of Gol is in consonance to which article of Indian Constitution?

1. Article 40
2. Article 16
3. Article 335
4. Article 41

Solution- 4

Article 41- Right to work, to education and to public assistance in certain cases The State shall, within the limits of its economic capacity and development, make effective provision for securing the right to work, to education and to public assistance in cases of unemployment, old age, sickness and disablement, and in other cases of undeserved want.

Article 41 of the Constitution of India directs the States to provide public assistance to its citizens in cases of unemployment, old age, sickness and disablement and also in other cases within the limit of its economic capacity and development. It is in accordance with these noble principles that the Government of India on 15th August, 1995 included the National Social assistance Programme (NSAP) in the Central Budget for 1995-96.