

Q: The Government of Tamil Nadu has recently banned the cotton candy due to the presence of which of the following cancer-causing chemicals in it?

- a) Rhodamine B
- b) Benzidine
- c) Aflatoxins
- d) Acetaldehyde

Ans: a

Explanation:

- Rhodamine B (RhB) is a chemical which is commonly used for dyeing.
- It is used in the textile, paper, leathers and paints industry as a colouring agent that helps in attaining colours that fall under the red and pink spectrum.
- Although in powdered form the chemical is green in colour, upon being added to water, it turns pink.
- Cotton candy, which is often spotted in the shades of pink, seems to borrow it from the usage of Rhodamine B

Q: Consider the following statements with respect to the Animal Welfare Board of India (AWBI):

1. AWBI is a statutory advisory body set up under the Prevention of Cruelty to Animals Act, 1960.
2. AWBI works under the aegis of the Ministry of Environment Forest and Climate Change (MoEFCC).
3. Smt. Rajkumari Amrit Kaur pioneered the setting up of the Board, with its Headquarters at Chennai.

How many of the above statement(s) is/are incorrect?

- a) Only one
- b) Only two
- c) All three
- d) None of the above

Ans: b

Explanation:

- Animal Welfare Board of India (AWBI) is a statutory advisory body set up under the Prevention of Cruelty to Animals Act, 1960.
- It works under the Ministry of Fisheries, Animal Husbandry and Dairying.
- Shrimati Rukmini Devi Arundale pioneered the setting up of the Board, with its headquarters at Chennai.
- Chair - A senior Ministry of Environment Forest and Climate Change (MoEFCC) official.
- The Board consists of 28 Members.

Q: Consider the following statements with respect to Atal Vayo Abhyuday Yojana (AVYAY):

1. The scheme aims to take care of various needs of Senior Citizens.
2. It is implemented by the Department of Social Justice and Empowerment.
3. Earlier the AVYAY, was known as National Action Plan for Senior Citizen (NAPSrc).

How many of the above statements is/are correct?

- a) Only one
- b) Only two
- c) All three
- d) None of the above

Ans: c

Explanation:

- Atal Vayo Abhyuday Yojana (AVYAY) scheme aims to take care of various needs of Senior Citizens including shelter, food, healthcare and human interaction/life of dignity.
- The Department of Social Justice and Empowerment is the nodal implementation agency.
- Grant in aid is provided to Non-Governmental/ Voluntary Organizations for running and maintenance of Senior Citizens' Homes (old age homes), continuous care homes, etc.

- Grant in aid is released to States/ UTs for creation of a pool of trained Geriatric Caregivers for senior citizens.
- The scheme aims to provide senior citizens, suffering from any of the age-related disability/infirmity, with assisted living devices.
- The Ministry has set up the National Helpline for Senior Citizen to provide free information, Guidance, Emotional Support and field intervention in cases of abuse and rescues.
- Promote innovative solutions to start-ups that are identified and encouraged for developing products, processes and services for the welfare of the elderly under this initiative.
- To bridge the gap in supply and increasing demand in the field of geriatric caregivers and also to create a cadre of professional care givers in the field of geriatrics.

Q: Consider the following cities in news and the country in which they belong to:

Cities in news	-	Country
Rafah	-	Syria
Sinai	-	Saudi Arabia
Belgorod	-	Belgium
Angostura	-	Turkey

How many of the above pairs is/are matched correctly?

- Only one
- Only two
- All three
- None of the above

Ans: d

Explanation:

- Rafah is a Palestinian city in the southern Gaza Strip. It is the capital of the Rafah Governorate.
- Sinai/Sinai Peninsula is located in Egypt. It is the only part of the country that is located in Asia. It is between the Mediterranean Sea to the north and the Red Sea to the south, and is a land bridge between Asia and Africa.
- Belgorod is a city that is the administrative center of Belgorod Oblast, Russia. It is located on the Seversky Donets River, north of the border with Ukraine.
- Angostura is the current name of the city is Ciudad Bolivar, Venezuela. It along with St. Thomas de Guyana is the capital of Venezuela's southeastern Bolivar State. It lies at the spot where the Orinoco River narrows to about 1 mile.

Q: Which among the following are known as super pollutants?

1. Methane
2. Black Carbon
3. Hydrofluorocarbons
4. Ground-level ozone

Choose the correct code.

- 1, 3 and 4 only
- 1 and 2 only
- 1, 2 and 3 only
- 1, 2, 3 and 4

Ans: d

Explanation:

- Super pollutants, also sometimes referred to as short-lived climate pollutants (SCLPs), derive their name from their relatively short life in the atmosphere as compared to carbon dioxide.
- Potent climate pollutants, such as methane and black carbon, have significant harmful effects on both human health and the environment.
- Black Carbon, Methane, Hydrofluorocarbons, and Ground-level ozone.