

Que-1 What is an 'M1' vehicle?

1- 'Category M' covers motor vehicles with at least four wheels, used for commercial purpose as well as for carrying passengers.

2- Sub-category 'M1' defines "a motor vehicle used for the carriage of passengers, comprising not more than eight seats in addition to the driver's seat".

3- Sub-category 'M1' defines "a motor vehicle used for the carriage of passengers, comprising not more than eight seats in addition to the driver's seat".

Which of the following given above is/are correct

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

Que-2 What is liquid nano urea?

1- It is essentially urea in the form of a nanoparticle.

2- Liquid nano urea is sprayed directly on the roots and gets absorbed by the plant.

3- Conventional urea has an efficiency of about 25 per cent, the efficiency of liquid nano urea can be as high as 55-55 per cent.

Which of the following given above is/are correct

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

Que-3 With reference to 'Har GharDastak 2.0', consider the following statements

1- It will be implemented from 1st June 2022 to 31st July 2022.

2- To expedite Polio Vaccination Coverage.

3- The 'HarGharDastak' Teekakaran Abhiyaan has been inspired by the successful strategy of Mission Indradhanush.

Which of the following given above is/are correct

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

Que-4 What is sologamy?

1- Sologamy is the act of marrying oneself in a public ceremony, also referred to as self-marriage or autogamy.

2- Such a marriage has no legal sanction or status.

Which of the following given above is/are correct

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

Que-5 With reference to International Liquid-Mirror Telescope (ILMT), consider the following statements

- 1- Set up at Chamoli in Uttarakhand.
- 2- This will observe asteroids, supernovae, space debris and all other celestial objects from an altitude of 2,450 metres in the Himalayas.
- 3- They are stationary telescopes that image a strip of the sky which is at the zenith at a given point of time in the night.

Which of the following given above is/are correct

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

Que-6 With reference to Leadership for Industry Transition (LeadIT), consider the following statements

- 1- India and Norway recently hosted in Oslo.

2- The LeadIT initiative lays specific focus on hard to abate sectors that are key stakeholders in the global climate action and require specific interventions.

Which of the following given above is/are correct

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

Que-7 Consider the following statements about tuberculosis (TB)

- 1- It is an infectious disease usually caused by Mycobacterium tuberculosis (MTB) bacteria.
- 2- This only affects the lungs.
- 3- Tuberculosis do not spread from one person to another.

Which of the following given above is/are correct

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

Que-8 Which is/are true about “SHRESHTA”-Scheme for residential education for students in High school in Targeted Areas

1- This has been launched for the purpose of providing seats for the meritorious SC boys and girls in the best private residential schools in the country.

2- Department of Social Justice & Empowerment, Ministry of Ministry of Social Justice & Empowerment is the Implementation agency.

3- To provide access to high-quality education to bright Scheduled Caste (SC) students so that they can secure future opportunities.

Which of the following given above is/are correct

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

ANSWER

1- (d)

- ‘Category M’ covers motor vehicles with at least four wheels, used for carrying passengers.

2- (a)

- Liquid nano urea is sprayed directly on the leaves and gets absorbed by the plant.
- Conventional urea has an efficiency of about 25 per cent, the efficiency of liquid nano urea can be as high as 85-90 per cent.

3- (b)

- The objective of the ‘Har GharDastak2.0’ Abhiyan is to vaccinate and cover the eligible population groups for first, second and precaution doses through door-to-door campaigns.
- The ‘HarGharDastak’ Teekakaran Abhiyaan has been inspired by the successful strategy of Mission Indradhanush which included mobilization, awareness & vaccination activities for reaching out to all the

missed out and dropped out eligible beneficiaries of 1st & 2nd dose through House-to-House visit from 3rd Nov 2021 onwards.

- The initiative contributed immensely towards the success of the programme by reaching out to the last mile beneficiaries including the old-aged, differently-abled and even the vaccine hesitant populations.

4- (c)

- While such a marriage has no legal sanction or status, the symbolic ceremony is used by many as an act to emphasize their self-love and independence.

5- (d)

- The International Liquid-Mirror Telescope (ILMT) has been set up at the Devasthal Observatory campus owned by Aryabhata Research Institute of Observational Sciences (ARIES), Nainital in Uttarakhand.
- It became the world's first liquid-mirror telescope to be commissioned for astronomy.

- A conventional telescope is steered to point towards the celestial source of interest in the sky for observations. The liquid-mirror telescopes, on the other hand, are stationary telescopes that image a strip of the sky which is at the zenith at a given point of time in the night. In other words, a liquid-mirror telescope will survey and capture any and all possible celestial objects — from stars, galaxies, supernovae explosions, asteroids to space debris.

- Conventional telescopes have highly polished glass mirrors — either single or a combination of curved ones — that are steered in a controlled fashion to focus onto the targetted celestial object on specific nights. The light is then reflected to create images.

- As opposed to this, as is evident by the name, the liquid-telescope is made up of mirrors with a reflective liquid, in this case, mercury — a metal which has a high light-reflecting capacity.

6- (b)

- India and Sweden recently hosted in Stockholm.

- This high level of dialogue has contributed to the UN Conference 'Stockholm+50': a healthy planet for the prosperity of all –our responsibility, our opportunity', taking place on 2 and 3 June 2022 and set the agenda for COP27.

7- (a)

- This generally affects the lungs, but can also affect other parts of the body.
- Tuberculosis is spread from one person to the next through the air when people who have active TB in their lungs cough, spit, speak, or sneeze.

8- (c)

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