

03-09-2021

Vande Bharat Express**Question: Consider the following statements:**

1. 'Train 18' later renamed as 'Vande Bharat Express'- 'Make in India initiative' of Government of India is manufactured by Integral Coach Factory, Chennai.
2. It was launched on 15 February 2019, India's first semi high-speed train with an operational efficiency of 160 kmph.
3. This train was launched on 15 February 2019.

Which of the above statement(s) is/are true?

- (A) 01 and 02 (B) 02 and 03
(C) 01 and 03 (D) all of the above

Answer:- (D) All of the above

Role:- Indian Railways is preparing a plan to operate 102 'Vande Bharat Trains' by March 2024.

Exam Useful Points:-

- This train was launched on 15 February 2019.
- 'Train 18' – later renamed as Vande Bharat Express – has been manufactured by Integral Coach Factory, Chennai under the Make in India initiative of the Government of India.
- It was showcased as India's first semi high-speed train with an operational efficiency of 160 kmph.
- Vande Bharat trains are a group of self-propelled "engineless" trains.
- Their ability to accelerate and slow down rapidly results in reduced 'train travel' time.

- Some of its passenger friendly features include European style seats with diffuse LED lighting, GPS based infotainment system etc.
- Till August 2021, only two 'Vande Bharat' trains are being operated by Indian Railways.
- Indian Railways is planning to operate 102 'Vande Bharat' trains by March 2024.

Covid-19 Endemicity

Question: Consider the following statements:

1. Endemic disease is a disease that is always present in a certain population or in a geographical area.
2. Some examples of localized disease include chicken pox and malaria, with an estimated number of cases each year in some parts of the world.
3. Due to the Endemicity of COVID-19, only those pathogens can be eradicated whose reserve animal is not species.

Which of the above statement(s) is/are true?

- (A) 01 and 02 (B) 02 and 03
(C) 01 and 03 (D) all of the above

Answer:- (D) All of the above

Role:- According to the World Health Organization (WHO), India is entering a stage of endemicity of Covid-19, where there is a low to moderate level of transmission.

Exam Useful Points:-

- An endemic disease is a disease that is always present in a certain population or a geographical area.

- Some examples of endemic diseases include chicken pox and malaria, with an estimated number of cases each year in some parts of the world.
- Smallpox and polio are examples of human viruses, rinderpest is a cattle virus.
- In cases of corona virus disease, it has been observed that it will continue to circulate because it is present in the animal reservoir.
- The pandemic is worldwide. An epidemic affects a greater number of people, and kills more people than an epidemic.
- Due to the endemicity of Covid, those pathogens can be eradicated, whose reservoir animals are not other species.
- Often people consider endemic disease i.e. endemic to be epidemic/ epidemic, whereas epidemic refers to an outbreak of a disease. An epidemic occurs when an infection of a disease is spreading to one or more populations.
- In some circumstances an epidemic can make a disease endemic.

NCR Draft Regional Plan -2041

Question: Consider the following statements:

1. DRP-2041 The National Capital Region seeks to improve connectivity between cities by bringing in bullet trains, Heli Taxi services and smart roads to make NCR a smart region.
2. The NCRPB includes the whole of Delhi, eight districts of Uttar Pradesh, 14 districts of Haryana as well as two districts of Rajasthan.
3. DRP-2041 Emphasizes on construction of multilevel parking complexes to make the area congested and free.

Which of the above statement(s) is/are true?

- (A) 01 and 02 (B) 02 and 03
(C) 01 and 03 (D) all of the above

Answer:- (D) All of the above

Role:- Recently the ambitious Draft Regional Plan-2041 (DRP-2041) was discussed by the NCR Planning Board on 31st August, 2021. However, its approval has been postponed for now.

Exam Useful Points:-

- DRP-2041 seeks to improve connectivity between the states by bringing in bullet trains, Heli Taxi services and smart roads to make The National Capital Region (NCR) a smart region.
- DRP-2041 Emphasizes on construction of multilevel parking complexes to make the area congested.
- The NCRPB includes the whole of Delhi, eight districts of Uttar Pradesh, 14 districts of Haryana as well as two districts of Rajasthan.
- It covers an area of approximately 55,083 square kilometres. According to this draft plan, by 2031, 57 percent of the total areas of Chhattisgarh will be urbanized, while by 2041, 67 percent will be urbanized.
- This draft plan emphasizes the need to reduce travel time in NCR and emphasizes the need for superfast trains and Heli Taxi services to reduce travel time across the region.
- It is recommended to make trauma centres free of all facilities including blood banks within an hour's time on each of the National Highways, State Highways and Expressways at an interval of 50 km.

