

Ans58:- d

Nitrogen is a constituent of amino acids, proteins, hormones, chlorophylls and many of the vitamins. Plants compete with microbes for the limited nitrogen that is available in the soil. Thus, nitrogen is a limiting nutrient for both natural and agricultural ecosystems. Nitrogen exists as two nitrogen atoms (N_2) joined by a very strong triple covalent bond ($N \equiv N$). In nature, lightning and ultraviolet radiation provide enough energy to convert nitrogen to nitrogen oxides (NO , NO_2 , N_2O)

Q59. Which part of the brain regulates body temperature?

- Cerebrum
- Pituitary gland
- Hypothalamus
- Cerebellum

Ans59:- C

- Cerebrum is the largest part of the brain and performs functions like vision and hearing, speech, reasoning, emotions etc.
- Cerebellum coordinates body movement, maintaining body posture and balance.
- Hypothalamus controls behavior like thirst, hunger, sleep, regulates body temperature, blood pressure etc.
- Pituitary gland is known as the master gland. It secretes hormones and promotes body growth in humans.

Q60. Which among the following is correct regarding Mars Orbiter Mission?

- MOM was the second interplanetary mission of ISRO, launched in 2013.
- It was launched by GSLV.
- India is the first Asian nation to reach the Mars Orbit.
- India is the second in the world after USA to achieve in its first attempt.

Ans60: - c

MOM commonly referred to as Mangalyaan-1, is a space probe launched by the Indian Space Research Organization (ISRO) on Nov 5, 2013, using a Polar Satellite Launch Vehicle (PSLV) rocket C25. It is India's first interplanetary mission, has been in the Martian orbit since September 24, 2014. India is the first Asian nation to reach the Mars orbit and the first in the world to achieve it on its first attempt.

Q61. What are the symptoms of C auris infection?

- There are no symptoms
- There are no symptoms as such but fever and body chills

which of the above given statement/s is/ are correct?

- Only i
- Only ii
- Both i and ii
- None of the above

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