

Q: Consider the following statement regarding Marburg Virus Disease (MVD):

1. It was earlier known as Marburg hemorrhagic fever.
2. It is a filovirus.
3. Peach Canker are considered the natural hosts for the Marburg virus.

Choose the correct option from the codes given below:

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

Ans: a

Explanation:

- Marburg virus disease (MVD), earlier known as Marburg hemorrhagic fever, is a severe, often fatal hemorrhagic fever.
- Marburg, like Ebola, is a filovirus; and both diseases are clinically similar.
- Rousettus fruit bats are considered the natural hosts for the Marburg virus. However, African green monkeys imported from Uganda were the source of the first human infection.
- It was first detected in 1967 after simultaneous outbreaks in Marburg and Frankfurt in Germany; and in Belgrade, Serbia.
- The disease has an average fatality rate of around 50%. However, it can be as low as 24% or as high as 88% depending on virus strain and case management.

Q: Recently Tamil Nadu government decided to merge school run by different department. Consider the following statements:

1. Adi Dravidar schools have their origins from post-independence.
2. Kallar reclamation schools have their origins before Independence.
3. Kallar reclamation schools were created, mainly for the Piramalai Kallar community.

Choose the correct option from the codes given below:

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

Ans: b

Explanation:

- A major announcement in Tamil Nadu's budget for 2023-24 was that the schools run by different departments for so long to cater to specific needs will be merged with the School Education (SE) department.
- For instance, the Adi Dravidar schools have their origins in the British Raj. They were created with the support of the labour department for the "Depressed Classes (as the Scheduled Castes were then referred)," who were denied education elsewhere. They were then moved to the Social Welfare department and later to ADTW, when it was created.
- Similarly, the BCW runs the Kallar reclamation schools, which have their origins before Independence. They were created, mainly for the Piramalai Kallar community, who faced marginalisation due to the draconian Criminal Tribes Act brought by the British.

Q: Consider the following statement regarding Marburg virus disease:

1. There is no approved antiviral treatment or vaccine for this disease.
2. Rehydration with oral or intravenous fluids is the only preventive measures.

Choose the correct option from the codes given below:

- a) 1 Only
- b) 2 Only
- c) 1 and 2
- d) None of the above

Ans: c

Explanation:

- It is difficult to clinically distinguish Marburg virus disease (MVD) from diseases such as malaria, typhoid fever and other viral haemorrhagic fevers. However, it is confirmed by lab testing of samples, which like Coronavirus and Ebola are extreme biohazard risks.
- There is no approved antiviral treatment or vaccine for MVD as of now. It can be managed with supportive care. According to the WHO, rehydration with oral or intravenous fluids, and treatment of specific symptoms can help prevent death.

Q: Consider the following statement regarding recently launched LVM3:

1. It is the second dedicated mission for NewSpace India Ltd.
2. NewSpace India Ltd is the commercial arm of Indian Space Research Organisation.
3. It was earlier known as the Geosynchronous Satellite Launch Vehicle MkIII.

Choose the correct option from the codes given below:

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

Ans: d

Explanation:

- Recently, the ISRO's heaviest rocket LVM3 carrying 36 satellites belonging to UK-based OneWeb Group lifted off from the second launch pad at the Satish Dhawan Space Centre.
- The second dedicated mission for NewSpace India Ltd, the commercial arm of Indian Space Research Organisation is part of the agreement signed with Network Access Associates Ltd, United Kingdom (OneWeb Group Company) for launch of 72 satellites into **Low-Earth orbits (LEO)**.
- This is the sixth flight of LVM3 which was earlier known as the Geosynchronous Satellite Launch Vehicle MkIII (GSLVMkIII) with a cryogenic upper stage.
- It had five consecutive missions including the Chandrayaan-2.

Q: Consider the following statement regarding IMF lending:

1. It basically lends money often in the form of special drawing rights (SDRs).
2. Extended credit facility, the flexible credit line, the stand-by agreement are some of its lending programmes.
3. SDRs simply represent a basket of two currencies, namely US dollar and the Euro.

Choose the correct option from the codes given below:

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

Ans: a

Explanation:

- The IMF basically lends money, often in the form of special drawing rights (SDRs), to troubled economies that seek the lender's assistance. SDRs simply represent a basket of five currencies, namely the U.S. dollar, the euro, the Chinese yuan, the Japanese yen, and the British pound.
- The IMF carries out its lending to troubled economies through a number of lending programs such as the extended credit facility, the flexible credit line, the stand-by agreement, etc. Countries receiving the bailout can use the SDRs for various purposes depending on their individual circumstances.