

**Q.70)** Insolation received at a place varies due to which among the following factors?

1. The rotation of earth on its axis.
2. The angle of inclination of the sun's rays.
3. Aspect of Land.

Select the correct answer using the code given below.

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

**Q.71)** With reference to India's Space programme, which of the following is/are correct?

1. HysIS is a hyperspectral earth observation satellite.
2. Vyom Mitra is the first planned Space Station of India.
3. NISAR is the joint earth observation project of NASA and ISRO.
4. Project NETRA is a spectrograph to find exoplanets.
5. New Space India Limited is a commercial arm of ISRO.

Select the correct answer using the code given below.

- a) 1, 2 and 4 only
- b) 1, 3 and 5 only
- c) 3 and 5 only
- d) 1, 2, 3, 4 and 5

**Q.72)** Consider the following statements:

1. Western Disturbances are called 'Mawath' in Rajasthan.

2. Most of India receives rainfall from the Bay of Bengal branch of the South-West Monsoon.
3. Konkan coast receives rainfall mainly from retreating monsoon.

Which of the statements given above is/are correct?

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

**Q.73)** The term 'Goldschmidtite' sometimes seen in the news, is the name of

- a) world's first solar powered airplane
- b) a research expedition to the Arctic.
- c) a newly discovered ore of Gold.
- d) a newly discovered mineral.

**Q.74)** With reference to 'EChO network', which of the following statements is/are correct?

1. It is an initiative jointly launched by Government of India and World Wildlife Fund.
2. It would develop a national network to catalyse a new generation of Indians who can synthesize interdisciplinary concepts.
3. It establishes a new platform to change how science is embedded in our modern society.

Select the correct answer using the code given below.

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