

**IAS PRE 2016**

**1. 'Project Loon', sometimes seen in the news, is related to Science & tech**

(a) waste management technology (b) wireless communication technology (c) solar power production technology (d) water conservation technology

**Answer . b**

**2. Which of the following statements is/are correct?**

**Viruses can infect science**

1. bacteria 2. Fungi 3. plants

Select the correct answer using the code given below.

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

**Answer . d**

**3. India is an important member of the 'International Thermonuclear Experimental Reactor'. If this experiment succeeds, what is the immediate advantage for India? ...science**

(a) It can use thorium in place of uranium for power generation (b) It can attain a global role in satellite navigation (c) It can drastically improve the efficiency of its fission reactors in power generation (d) It can build fusion reactors for power generation

**Answer . d**

**4. With reference to 'Astrosat', the astronomical observatory launched by India, which of the following statements is/are correct? .....science.**

1. Other than USA and Russia, India is the only country to have launched a similar observatory into space.  
2. Astrosat is a 2000 kg satellite placed in an orbit at 1650 km above the surface of the Earth.

Select the correct answer using the code given below.

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

**5. Consider the following statements: .....science & technology.**

The Mangalyaan launched by ISRO

1. is also called the Mars Orbiter Mission

2. made India the second country to have a spacecraft orbit the Mars after USA

3. made India the only country to be successful in making its spacecraft orbit the Mars in its very first attempt

Which of the statements given above is/are correct?

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

**Answer .c**

**6. With reference to 'Li-Fi', recently in the news, which of the following statements is/are correct?...science**

1. It uses light as the medium for high-speed data transmission.

2. It is a wireless technology and is several times faster than 'WiFi'.

Select the correct answer using the code given below.

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

**Answer.c**