## **Static Quiz 30th January**

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## 1. Consider the following statements about entropy:

- 1. The total entropy of any isolated thermodynamic system tends to increase over time, approaching a maximum value.
- 2. The entropy of all system is zero at absolute zero temperature.

Which of the statements given above is/are correct?

- $\bigcirc$  1 only
- 2 only
- O Both 1 and 2
- O Neither 1 nor 2

## 2. Which of the following is/are a Fundamental Right under part 3 of the Indian Constitution?

- 1. Right to form trade unions.
- 2. Right to obtain recognition of the trade union.
- 3. Right to Strike

Select the correct answer using the codes given below.

<ul> <li>○ 1 only</li> <li>○ 1 and 2 only</li> <li>○ 1 and 3 only</li> <li>○ 1, 2 and 3</li> </ul>
<ol> <li>Which of the following is/are beneficial for the growth of cotton?</li> <li>Ample sunshine.</li> <li>Frost</li> <li>Maritime air</li> <li>Moist weather during ball-opening</li> <li>Select the correct answer using the codes given below.</li> <li>1 and 4 only</li> <li>1 and 3 only</li> <li>1, 3 and 4 only</li> <li>1, 2 and 4 only</li> </ol>
<ul> <li>4. In economics, 'forced savings' refers to:</li> <li>Taxes on individual income and wealth.</li> <li>Compulsory deposits imposed on income tax payer.</li> <li>Provident fund contribution of private sector.</li> <li>None of the above.</li> </ul>
<ul> <li>5. The National Action Plan on Climate Change (NAPCC) focuses attention of which of the following areas?</li> <li>1. Wind energy.</li> <li>2. Sustainable habitat.</li> <li>3. Establishing a strategic knowledge platform for climate change.</li> <li>Select the correct answer using the codes given below.</li> <li>1 and 2 only</li> <li>2 only</li> <li>2 and 3 only</li> <li>1, 2 and 3</li> </ul>

Submit