

## IASbaba Daily Prelims Quiz – Day 20

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### Q.1) Consider the following

1. A cloudburst is different from rain only in the amount of water that pours down on the earth.
2. The India Meteorological Department (IMD) labels rainfall over 100 mm per hour as cloudburst

Select the correct answer

- a) 1 only
- b) 2 only
- c) Both
- d) None

### Q.1) Solution (c)

- Click [here](#)

### Q.2) Consider the following

1. He started a highly influential English news paper known as “The Leader”
2. He founded Banaras Hindu University
3. He is also known “Mahamana”

Who among the given freedom fighters is the correct match of above description?

- a) Pandit Jawaharlal Nehru
- b) Pandit Madam Mohan Malviya
- c) Ishwar Chandra Vidya Sagar
- d) Gopal Krishna Gokhale

### Q.2) Solution (b)

- Pandit Madam Mohan Malviya

### Q.3) Consider the following statements with respect to Conference of Parties

1. It is organised by United Nations framework convention on climate change.
2. 2015 edition of COP was held in Nairobi Kenya.
3. It is conducted annually.

Select the correct answer using the codes given below.

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

d) 3 only

**Q.3) Solution (a)**

- The COP 21<sup>st</sup> edition was held in Paris.
- The WTO ministerial conference was held in Nairobi Kenya.
- The conference of parties meet annually and COP 21 negotiated the Paris Agreement, a global agreement on the reduction of climate change, the text of which represented a consensus of the representatives of the 196 parties attending it.

**Q.4) GHGs are beneficial for the human existence as without it the earth would have been cooler, and far too cold for life to exist. But few GHGs are generated only through anthropogenic activities such as**

1. Methane
2. Nitrous oxide
3. Sulfur hexafluoride
4. Perfluorocarbons

Select the correct option

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

**Q.4) Solution (c)**

- Click [here](#)

**Q.5) Which among the following are favourable conditions for the formation and intensification of tropical cyclones?**

1. Large sea surface with temperature higher than 27° C;
2. Presence of the Coriolis force;
3. Small variations in the vertical wind speed;
4. A pre-existing weak low-pressure area

Select the correct option

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

**Q.5) Solution (d)**

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1. A source of warm, moist air derived from tropical oceans with sea surface temperatures normally in the region of, or in excess, of 27 °C;
2. Winds near the ocean surface blowing from different directions converging and causing air to rise and storm clouds to form;
3. Winds which do not vary greatly with height - known as low wind shear. This allows the storm clouds to rise vertically to high levels;
4. Sufficient distance from the equator to provide spin or twist.
5. Creation of low pressure area.
6. The Coriolis force caused by the rotation of the Earth helps the spin of this column of rising air. The development of the surface depression causes an increase in the strength of the trade winds. The spiralling winds accelerate inwards and upwards, releasing heat and moisture.