

Static Quiz 23rd January

written by iasexam.com | 23/01/2020



1. Which of the following conditions is/are conducive for formation of tropical cyclones?

1. Large and continuous supply of warm and moist air.
2. Large value of Coriolis force.
3. Inflow of air at upper level of atmosphere.

Select the correct answer using the codes given below.

- ☐ 1 and 2 only
- ☐ 1 only
- ☐ 1 and 3 only
- ☐ 1, 2 and 3

2. Consider the following statements about towns of Indus Valley Civilization:

1. The dockyard at Lothal is connected through a channel to river Bhogva.
2. Lime mortar was never used at Mohenjo-Daro for construction.

Which of the statements given above is/are correct?

- ☐ 1 only
- ☐ 2 only
- ☐ Both 1 and 2
- ☐ Neither 1 nor 2

3. A buffer solution is the one which:

- ☐ Changes pH with the addition of a strong base.
- ☐ Changes pH with the addition of an acid.
- ☐ Resists changes in pH.
- ☐ Does not change pH at all.

4. Article 16 provides that No citizen can be discriminated against or be ineligible for any employment or office under the State on grounds of only:

1. Descent
2. Language
3. Place of birth
4. Race

Select the correct answer using the codes given below.

- ☐ 1, 2 and 3 only
- ☐ 1, 3 and 4 only
- ☐ 2, 3 and 4 only
- ☐ 3 and 4 only

5. Which of the following best describes the term 'effective radiation'?

- ☐ The difference between total incoming solar radiation and outgoing terrestrial radiation.
- ☐ The radiant energy received by the earth and its atmosphere.
- ☐ The longwave radiation from the earth's surface.
- ☐ None of the above

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