

**Q.12)** Consider the following statements regarding Orogeny and Epeirogeny:

1. Orogeny involves simple deformation of the crust whereas epeirogeny involves severe deformation.
2. Orogeny is continental building process whereas epeirogeny is a mountain building process.

Which of the statements given above is/are correct?

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

**Q.13)** Consider the following pairs of Mountains and their types:

<i>Mountains -</i>	<i>Type</i>
1. Appalachians	- Block Mountains
2. Vosges Mountain	- Fold Mountains
3. Kilimanjaro	- Volcanic Mountain

Which of the pairs given above is/are *incorrectly* matched?

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

**Q.14)** Consider the following statements:

1. A long winter night with cloudy skies and turbulent air is ideal situation for temperature inversion.
2. Temperature inversion takes place in hills and mountains due to air drainage.
3. Surface inversion promotes stability in the lower layers of the atmosphere.

Which of the statements given above is/are correct?

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

**Q.15)** Consider the following statements:

1. The Constitution provides for only English as the official language of the Union.
2. The Constitution specifies the official language of different states.
3. The Constitution mandates that all proceedings in the Supreme Court to be undertaken only in English.

Which of the statements given above is/are correct?

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

**Q.16)** At Place X, local time is 5 hours ahead of Greenwich Mean Time (GMT) and sun is overhead at 12 PM noon in the month of May. This place is likely to be located in which of the following continents?

- a) Africa
- b) North America
- c) Asia
- d) South America