

GEOMORPHOLOGY & EARTH LANDFORMS BASED INDIAN GEOGRAPHY MCQ PRACTICE QUESTIONS AND ANSWERS PDF WITH EXPLANATION

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Created By [Careericons](#) Team

Q1. Equinox occurs when the sun is vertically above _____

- a) Poles
 - b) Tropic of Capricorn
 - c) Equator
 - d) Tropic of Cancer
-

Q2. The Mountain creating the boundary between France and Spain is

- a) Zura
 - b) Apennines
 - c) Pyrenees
 - d) Alps
-

Q3. Which of the following phenomenon might have influenced the evolution of organisms?

- Continental drift
- Glacial cycles

Select the correct answer using the code given below.

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

Q4. Which one of the following is related to the origin of folded mountains?

- a) Conserving plate margin
- b) Accreting plate margin
- c) Intra plate zone
- d) Consuming plate margin

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Q5. Which one of the following cities is nearest to the equator?

- a) Manila
- b) Colombo
- c) Singapore
- d) Jakarta

Q6. Consider the following statements regarding the **upper course of a river**:

1. This begins at the very source of the mountain range.
2. Here the predominant action of the river is vertical corrosion.
3. The valley developed is V-shaped.

Choose the **correct** option from the codes given below:

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

Q7. The sunlight is available 24 hours on the **longest day** at which of the following latitudes of the earth?

- a) 63°
- b) 49°

c) 69°51'

d) 66½°

Q8. In which of the following Continent the Andes Mountain Range is located?

a) S. America

b) Australia

c) N. America

d) Europe

Q9. At the time the summer solstice in the Northern hemisphere the length of the day will be 12 hours at the

a) Arctic Circle

b) Tropic of Cancer

c) Equator

d) Tropic of Capricorn

Q10. The Alps mountain range is not a part of which of the following countries?

a) Austria

b) France

c) England

d) Germany

Q11. Consider the following pairs:

List I	List II
A. Dover	1. River Valley
B. Hudson-Mohawk	2. Plateau
C. Kilimanjaro	3. Cliff
D. Bolivia	4. Mountain

Choose the correct option from the codes given below:

- a) A – 2 ; B – 3 ; C – 1 ; D – 4
 - b) A – 1 ; B – 2 ; C – 3 ; D – 4
 - c) A – 4 ; B – 2 ; C – 3 ; D – 1
 - d) A – 3 ; B – 1 ; C – 4 ; D – 2
-

Q12. Why do Fold Mountains have enormous thickness of sedimentary rocks?

- a) The plains were folded into mountains
- b) Due to deposition of sediments in a valley for millions of years
- c) The sediments were folded into recumbent and nappe folds
- d) Due to accumulation of sediments in a geosyncline

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Q13. **Nappe** is a kind of

- a) erosional plain
 - b) fluvial feature
 - c) delta region
 - d) folded structure
-

Q14. **Dolomite** is a/an

- a) Igneous rock
 - b) Sedimentary rock
 - c) Metamorphic rock
 - d) Plutonic rock
-

Q15. Rock formed inside the Earth as a result of solidification of lava are called

- a) Metamorphic rocks
- b) Plutonic rocks
- c) Sedimentary rocks
- d) Volcanic rocks

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Answers to the above questions :

Q1. Answer: (c)

An equinox is an astronomical event in which the plane of Earth's equator passes through the centre of the Sun, which occurs twice each year, around 20 March and 23 September.

The equinoxes are the only times when the Sun is exactly overhead at a point on the equatorial line. On an equinox, day and night are of approximately equal duration all over the planet.

Q2. Answer: (c)

Q3. Answer: (a)

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Q4. Answer: (d)

Q5. Answer: (c)

Q6. Answer: (c)

The upper course of a river begins at the very source of the mountain range. In the upper course of a river gradients are steep and river channels are narrow.

Vertical erosion is the greatest of a river.

Q7. Answer: (d)

During the June solstice, the Earth's North Pole is tilted 23.5 degrees towards the Sun relative to the circle of illumination.

This phenomenon keeps all places above a latitude of 66.5 degrees N in 24 hours of sunlight, while locations below a latitude of 66.5 degrees are in darkness.

Q8. Answer: (a)

Q9. Answer: (c)

Q10. Answer: (c)

Q11. Answer: (d)

1. The White Cliffs of Dover are cliffs that form part of the English coastline facing the Strait of Dover and France. The cliffs are part of the North Downs formation.
2. The Mohawk Valley region of the U.S. state of New York is the area surrounding the Mohawk River, sandwiched between the Adirondack Mountains and the Catskill Mountains.
3. Mount Kilimanjaro, with its three volcanic cones, Kibo, Mawenzi, and Shira, is a dormant volcanic mountain in Tanzania.

Q12. Answer: (d)

Fold Mountains form when two tectonic plates move together (a convergent plate boundary). Fold Mountains form from sedimentary rocks that accumulate along the margins of continents.

Q13. Answer: (d)

In geology, a nappe or thrust sheet is a large sheet-like body of rock that has been moved more than 2 km or 5 km from its original position by faulting or folding.

They form when a mass of rock is forced (or 'thrust') over another rock mass, typically on a low angle fault plane. The resulting structure may include large-scale recumbent folds, shearing along the fault plane.

Q14. Answer: (b)

Dolomite a sedimentary rock resembling limestone but consisting principally of the mineral dolomite. It is an important source of magnesium and its compounds and is used as a building material and refractory.

Dolomite is used as an ornamental stone, a concrete aggregate, a source of magnesium oxide and in the Pidgeon process for the production of magnesium. It is an important petroleum reservoir rock and serves as the host rock for large stratabound Mississippi Valley-Type (MVT) ore deposits of base metals such as lead, zinc, and copper. Where calcite limestone is uncommon or too costly, dolomite is sometimes used in its place as a flux for the smelting of iron and steel. Large quantities of processed dolomite are used in the production of float glass.

Q15. Answer: (b)

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