

CBSE • CLASS 10 • SOCIAL SCIENCE

GEOGRAPHY

CHAPTER 01

Resources and Development



NCERT SOLUTIONS



LAND DEGRADATION AND TERRACES

Q. 1(i) Which one of the following is the main cause of land degradation in Punjab?

- (a) Intensive cultivation
- (b) Deforestation
- (c) Over-irrigation
- (d) Overgrazing

ANSWER: (c) Over-irrigation

Why: Excess irrigation causes waterlogging and increases the soil's salinity and alkalinity.

Q. 1(ii) In which one of the following states is terrace cultivation practised?

- (a) Punjab
- (b) Plains of Uttar Pradesh
- (c) Haryana
- (d) Uttarakhand

ANSWER: (d) Uttarakhand

Why: Terraces slow the flow of water down hill slopes and reduce soil erosion.

BLACK SOIL AND COTTON

Q. 1(iii)

In which of the following states is black soil predominantly found?

- (a) Uttar Pradesh
- (b) Maharashtra
- (c) Rajasthan
- (d) Jharkhand

ANSWER

(b) Maharashtra

Why: Black soil covers much of the Maharashtra plateau in the Deccan region.

Q. 2(i)

Name three states having black soil and the crop which is mainly grown in it.

ANSWER

Maharashtra, Madhya Pradesh and Chhattisgarh have black soil. Cotton is the main crop grown in it. Its clayey texture holds moisture well, which makes it especially suitable for cotton cultivation.

ALLUVIAL SOIL AND SOIL EROSION

Q. 2(ii)

What type of soil is found in the river deltas of the eastern coast? Give three main features of this type of soil.

Answer: Alluvial soil occurs there. It contains sand, silt and clay. It is very fertile and rich in potash, phosphoric acid and lime. It has old Bangar and new Khadar deposits.

Q. 2(iii)

What steps can be taken to control soil erosion in the hilly areas?

Answer: Terrace farming and contour ploughing slow water flowing down slopes. Planting trees protects the soil. These methods reduce the washing away of topsoil and help conserve soil in hilly areas.



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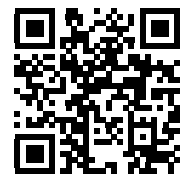


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