

Queenston Heights, Yorktown, Austerlitz, Tilsit, Sedan, Delhi, Acre, Nantes, Culloden.

9. Give a general description of the great physical features of Asia. Refer to its table-lands, mountains, rivers, and deserts.

10. What are the chief articles of commerce supplied to Great Britain by Canada, Newfoundland, the West Indies, Australia, Cape Colony ?

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No. 9.

1. (a) Define *Declination* and *Meridian Altitude*.

(b) The declination of the sun on a certain day is  $10^{\circ} 15'$  south ; its meridian altitude is found to be  $60^{\circ} 45'$  ; what may be the latitude of the place where the observation is made ?

2. (a) What is a chronometer ? How is it used for determining the longitude of a place ?

(b) When it is 9.40 a.m. at *A*, what is the time at *B*, which is  $10^{\circ} 14' 15''$  west of *A*.

(c) *A* is in east longitude  $16^{\circ} 14'$  ; *B* is in west longitude  $10^{\circ} 16'$  ; when it is 6 p.m. at *B*, what is the time at *A* ?

3. (a) Draw a diagram illustrating the position of the earth in its orbit at the soltices and at the equinoxes, marking with an arrow the direction in which the earth moves in its orbit.