

Surveying Multiple Choice Questions PDF Free Download

An abney level is mainly used for finding

1. Horizontal angles
2. Reduced levels of points
3. Contour lines
4. **Vertical angles and gradients**

The Imaginary line passing through the intersection of the cross hairs at the diaphragm and the optical centre of the eye piece of theodolite is called as

1. **Line of collimation**
2. Axis of the telescope
3. Transiting
4. Change of face

Agonic lines pass through points of

1. Zero Dip
2. Equal Declination
3. Equal Dip
4. **Zero Declination**

Reduced level of a point is its height or depth above or below

1. the ground surface
2. **the assumed datum**
3. assumed horizontal surface
4. the line of collimation

Which of the following statement(s) is/are true?

(i) In the method of reiteration for measuring the horizontal angle, the horizontal angle is measured number of times and then average value is taken

(ii) Reiteration method of measuring horizontal angles is useful when number angles are to be measured at one point.

1. Only (i)
2. **Only (ii)**

3. Both (i) and (ii)
4. Neither (i) nor (ii)

Reciprocal ranging is done

1. **when stations are far apart and not intervisible**
2. when stations are far apart but intervisible
3. when stations are intervisible but line is longer than the chain length
4. when stations are intervisible but line is shorter than the chain length

Which of the following is / are the instrument(s) used for directly measuring the distance?

- (i) Speedometer
 - (ii) Passometer
 - (iii) Theodolite
 - (iv) Tacheometer
1. Only (i)
 2. **(i) and (ii)**
 3. (iii) and (iv)
 4. (i), (ii), (iii) and (iv)

In GPS, satellites are placed in orbits with orbital radius approximately of

1. 1500 km
2. 15200 km
3. **26600 km**
4. 18400 km

Theodolite is an instrument which can be used for measuring

- (i) horizontal angle
 - (ii) vertical angle
 - (iii) horizontal distance
1. Only (i)
 2. (i) and (ii)
 3. (ii) and (iii)
 4. **(i), (ii) and (iii)**

If we draw contour lines of a plane surface, they will appear as

1. curved lines spaced far apart
2. curved closed lines
3. **straight lines uniformly spaced**
4. straight lines inclined at an angle to the edges of the surface

Vicinfo