

The Digital Surveying

Refreshing New Year Quiz

Questions



1. In a building survey what three types of drawing would normally be produced?
2. In a section drawing of a building what 5 key things would you record?
3. Name 3 types of equipment required in building surveys?
4. All angles in a triangle are equal to how many degrees?
5. Name the sides of a right angled triangle?
6. Name the theorem associated with the sum of the squared lengths of a right angled triangle?
7. Name 5 pieces of equipment required for basic land surveying?
8. What is the name given to a sketch plan outlining the scope and parameters of the survey?
9. What mathematical theorem uses SIN COS and TAN in right angled triangles?
10. What is the name given to the process of measuring angles in a chain?
11. What is the name given to the process of measuring lengths of all sides of triangles in a chain?

12. What is the formula for calculating heights of buildings?
13. True or false – A traverse is a series of interconnected curves similar to contour lines?
14. Name two different types of traverse?
15. What is the Azimuth more commonly known as?
16. One minute is equivalent to how many degrees?
17. The sum of the interior angles of any closed traverse must equal how many degrees?
18. What formula is used to correct exterior angles in a closed traverse and what does 'n' represent?
19. Latitudes and Departures are now considered what?
20. Give 4 examples where levelling is required?
21. What is the name given to the adjustable bracket that links the instrument to the tripod?
22. The height of the instrument is also known as?
23. What do CP and TP represent in levelling?
24. The vertical difference between the level and datum line is referred to as?
25. What are to two methods of Levelling?