Unit 5 - Week 4

Course outline

How does an NPTEL online course work?

Week 1

Week 2

Week 3

Week 4

- Quality Assessment of GPS Surveying
- Introduction to Total Station
- Parts of Total Station
- Accessories of Total Station
- Handling & Setting of Total Station
- Quiz : Assessment 4

Week 5

Week 6

Week 7

Week 8

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Weekly Feedback

Assessment 4

The due date for submitting this assignment has passed.
As per our records you have not submitted this assignment.

Due on 2020-03-25, 23:59 IST.

1) For good quality GPS observation, DOP value should be *1 point*

- As large as possible
- As little as possible
- More than 8
- May be of any value

No, the answer is incorrect.
Score: 0
Accepted Answers:
As little as possible

2) For GPS Positioning: *1 point*

- Accuracies/precision of standards are based on 90% confidence interval
- Vertical standard is defined with a linear uncertainty value of the point with respect to the horizontal datum surface
- Planimetric standard is being expressed in terms of radius of a circle of uncertainty on a datum surface

No, the answer is incorrect.
Score: 0
Accepted Answers:
Planimetric standard is being expressed in terms of radius of a circle of uncertainty on a datum surface

3) Number of primary axes in a total station is considered to be *1 point*

- 2
- 3
- 4
- 5

No, the answer is incorrect.
Score: 0
Accepted Answers:
3

4) Total station does not measure *1 point*

- Horizontal distance
- Slope distance
- Horizontal angle
- Vertical angle

No, the answer is incorrect.
Score: 0
Accepted Answers:
Horizontal distance

5) Which of these is not a basic component of a total station *1 point*

- Electronic theodolite
- EDMI
- Telescope
- Field computer

No, the answer is incorrect.
Score: 0
Accepted Answers:
Telescope

6) Part of total station used for final centering is *1 point*

- Optical plummet
- Automatic compensator
- Telescope
- Tripod legs

No, the answer is incorrect.
Score: 0
Accepted Answers:
Optical plummet

7) Microprocessor controls working of a total station through *1 point*

- Measurements
- Data collector
- Control panel
- Memory

No, the answer is incorrect.
Score: 0
Accepted Answers:
Control panel

8) Automatic collection of data by a total station gets achieved through *1 point*

- Optical collimator
- Telescope
- Reflector
- Data collector

No, the answer is incorrect.
Score: 0
Accepted Answers:
Data collector

9) _____ of total station control panel is used to switch between observation mode screen pages. *1 point*

- PRG key
- SHIFT key
- ENT key
- FUNC key

No, the answer is incorrect.
Score: 0
Accepted Answers:
FUNC key

10) Proper handling of a total station consists of *1 point*

- Lifting total station from its carrying case without grasping the handle or standards
- For moving between stations, total station should be transported fixing on the tripod stand
- Total station should be returned to the case loosening all locks.
- After field work, total station should be placed directly in its case.

No, the answer is incorrect.
Score: 0
Accepted Answers:
Total station should be returned to the case loosening all locks.