

**QUIZ NO: 354**

**TOPIC: SURVEYING**

**DATE: 20/10/2020**

1. The principle of 'working from whole to part' is used in surveying because\_\_\_\_\_?

- [1] plotting becomes easy
- [2] surveying work can be completed as quickly
- [3] accumulation of errors is prevented
- [4] all of the above

**Answer : C**

2. Which of the following is an obstacle to chaining but not ranging?

- [1] river
- [2] hillock
- [3] building
- [4] none of the above

**Answer : A**

3. Local attraction in compass surveying may exist due to\_\_\_\_\_?

- [1] incorrect levelling of the magnetic needle
- [2] loss of magnetism of the needle
- [3] friction of the needle at the pivot
- [4] presence of magnetic substances near the instrument

**Answer : D**

4. Isogonic lines are line joining points of \_\_\_\_\_?

- [1] same declination
- [2] zero declination
- [3] same dip
- [4] zero dip

**Answer : A**

5. The error which occurs when image formed by objective is not in the same plane with cross hairs of the telescope is \_\_\_\_\_?

- [1] aberration
- [2] aplanation
- [3] achromatism
- [4] parallax

**Answer : D**

6. A series of closely spaced contour lines represent \_\_\_\_\_?

- [1] steep slope
- [2] gentle slope
- [3] uniform slope
- [4] plane surface

**Answer : A**

7. Which one of the following methods estimates best the area of an irregular or curved boundary?

- [1] Trapezoidal method
- [2] Simpson's method
- [3] Average ordinate method
- [4] Mid-ordinate method

**Answer : B**

8. In which of the following types of survey, office work is least?

- [1] chain survey
- [2] plane table survey
- [3] compass survey
- [4] theodolite survey

**Answer : B**

9. The curvature of earth's surface is taken into account if the extent of survey is more than \_\_\_\_\_?

[1] 100 km<sup>2</sup>

[2] 160 km<sup>2</sup>

[3] 260 km<sup>2</sup>

[4] 500 km<sup>2</sup>

**Answer : C**

10. In plane table survey, distant and inaccessible points are plotted by \_\_\_\_\_?

[1] radiation

[2] resection

[3] traversing

[4] intersection

**Answer : D**

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