

QUIZ NO: 316

TOPIC: ENGINEERING SURVEY

DATE: 18/07/2020

1. If 'L' is the measured length of a line, then compensating errors are proportional to _____?

[1] L

[2] L^2

[3] L^3

[4] \sqrt{L}

Answer : D

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. Contour interval is _____?

- [1] large for accurate works
- [2] inversely proportional to the scale of map
- [3] directly proportional to flatness of the ground
- [4] none of the above

Answer : B

8. 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

9. In passive remote sensing _____?

- [1] there is no source of electro-magnetic energy
- [2] sun is the source of electro-magnetic energy
- [3] an electro magnetic source is located on the satellite
- [4] both sun and moon are used as source of electro magnetic energy

Answer : B

10. The magnetic bearing of sun at noon is $356^{\circ} 45'$ at a place. What will be the magnetic declination at the place at the time of observation?

- [1] $3^{\circ} 15' E$
- [2] $3^{\circ} 15' W$
- [3] $176^{\circ} 45' E$
- [4] $176^{\circ} 45' W$

Answer : A

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