

**QUIZ NO: 618**

**TOPIC: SURVEYING**

**DATE: 16/07/2022**

**1. Which one of the following instruments is used to measure slope of ground?**

- [A] Planimeter
- [B] Eidograph
- [C] Pantograph
- [D] Clinometer

**Answer: D**

**2. Bearing of a line in the direction of progress of survey is called \_\_\_\_\_?**

- [A] True bearing
- [B] Fore bearing
- [C] Back bearing
- [D] Quadrantal bearing

**Answer: B**

3. Hypotenusal allowance is given by the expression \_\_\_\_\_?

- [A]  $L(\sec\theta - 1)$
- [B]  $L(1 - \sec\theta)$
- [C]  $L(1 - \cos\theta)$
- [D]  $L(\cos\theta - 1)$

**Answer: A**

4. A circular curve of radius 100 m is to be set with a long chord of 160 m length. The length of middle ordinate in m is \_\_\_\_\_?

- [A] 40 m
- [B] 60 m
- [C] 80 m
- [D] 140 m

**Answer: A**

5. Three-point problem can be solved by \_\_\_\_\_?

- [A] Tracing paper method
- [B] Bessel's method
- [C] Lehman's method
- [D] All of these

**Answer: D**

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6. Calculate the number of divisions of main scale that is equal to 8 divisions of extended vernier?

- [A] 7
- [B] 9
- [C] 15
- [D] 16

**Answer: C**

7. The accuracy of measurement in chain surveying, does not depend upon \_\_\_\_\_?

- [A] Length of the offset
- [B] Scale of the plotting
- [C] Importance of the features
- [D] General layout of the chain lines

**Answer: D**

8. What is the minimum number of stations needed as reference for locating position of a new point?

- [A] 1
- [B] 2
- [C] 3
- [D] 4

**Answer: B**

9. Benchmark is established by\_\_\_\_\_?

- [A] Hypsometry
- [B] Barometric levelling
- [C] Spirit levelling
- [D] Trigonometrical levelling

**Answer: C**

10. In a traverse, if both linear and angular measurements are equally precise, which method is used for balancing it?

- [A] Transit rule
- [B] Simpson's rule
- [C] Bowditch's rule
- [D] Trapezoidal rule

**Answer: C**

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