13

CHAPTER

Trigonometry Levelling

Q.1 Given that for a triangulation survey

D = distance in km

h = the visible horizon from a station of known elevation above the datum (in metres)

If there is no obstruction due to intervening ground, then h is equal to

(a) $0.6735 D^2$ (b) $6.735 D^2$

(c) $0.06735 D^2$ (d) $0.006735 D^2$

Q.2 An anallatic lens is one of the following type

(a) Convex   (b) Concave

(c) Plano convex   (d) Concave-convex

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Answers   **Trigonometry Levelling**

1. (c)   2. (a)

Explanations   **Trigonometry Levelling**

2. **(a)**

Anallactic lens is a special convex lens fitted between the object glass and eyepiece. at a fixed distance from the former inside the telescope of a tacheometer. Its purpose is to reduce the additive constant to zero.

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