



9497498415 | 16 | 17

ANSWER KEY

**QUIZ NO: 771** 

**TOPIC: SURVEYING** 

**DATE: 09/11/2023** 

1. Upper plate of a theodolite is attached to
[A] Inner spindle
[B] Outer spindle
[C] Axis of telescope
[D] Trunnion axis
Answer: A
<ul> <li>2. When the line of sight is perpendicular to the vertical axis, the vertical circle must read</li> <li>[A] 0°</li> <li>[B] 1°</li> <li>[C] 90°</li> </ul>
[D] Any angle is possible
Answer: A





TRIVANDRUM | KOLLAM | ERANAKULAM

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3.	The process of turning telescope of theodolite in vertical plane through
	180° about its horizontal axis is called
	[A] Transiting
	[B] Plunging
	[C] Reversing
	[D] All of these
	Answer: D
4.	Least count of transit theodolite is
	[A] 10'
	[B] 30"
	[C] 20'
	[D] 20"
	Answer: D
5.	A long sensitive bubble tube which is attached to the top of the T-frame in a theodolite is called bubble tube
	[A] Longitude
	[B] Altitude
	[C] Latitude
	[D] Striding
	Answer: B

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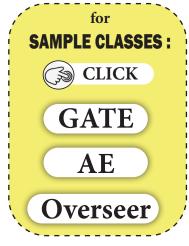


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6. A line joining the optical centre of the object glass and the centre of eye piece, is known as				
[A] Axis of telescope				
[B] Axis of instrument				
[C] Line of collimation				
[D] Line of sight				
Answer: A				
7. Which of the following method is used for measuring horizontal angles accurately using a theodolite?				
[A] Radiation				
[B] Repetition				
[C] Reiteration				
[D] Traversing				
Answer: B				
8. The error eliminated by taking mean of both face observations is				
[A] Error due to eccentricity of verniers				
[B] Error due to imperfect adjustments of levels				
[C] Error due to line of collimation not being perpendicular to horizontal axis				
[D] Error in graduation				
Answer: C				





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9.	When the cross hairs are not clearly visible	<u> </u>

- [A] Eye piece should be focussed
- [B] Eye piece should be cleaned
- [C] Both eye piece and objective should be focussed
- [D] Objective should be focussed

**Answer: A** 

## 10. A 25 cm theodolite means \_\_\_\_\_

- [A] The dia of the vertical circle is 25 cm
- [B] The dia of the lower graduated circle is 25 cm
- [C] The dia of object glass is 25 cm
- [D] The height of standard is 25 cm

**Answer: B** 

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