



## 9497498415 | 16 | 17

ANSWER KEY

**QUIZ NO: 799** 

**TOPIC: SURVEYING** 

**DATE: 24/02/2024** 

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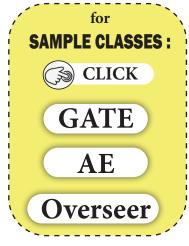


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6. A line joining the optical centre of the object glass and the centre of eye piece, is known as							
[A] Axis of telescope							
[B] Axis of instrument							
[C] Line of collimation							
[D] Line of sight							
Answer: A							
7. Which of 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 visik	le

- [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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