



9497498415 | 16 | 17

ANSWER KEY

QUIZ NO: 832

TOPIC: SURVEY

DATE: 25/05/2024

1. The magnetic bearing of a line AB is S45°E and the declination is 5° West.					
The true bearing of the line AB is					
[A] S45°E					
[B] S40°E					
[C] S50°E					
[D] S50°W					
Answer: C					
2. Which of the following statements is FALSE?[A] Plumb line is along the directions of gravity					
[B] Mean Sea Level (MSL) is used as a reference surface for establishing the horizontal control					
[C] Mean Sea Level (MSL) is a simplification of the Geoid					
[D] Geoid is an equi-potential surface of gravity					
Answer: B					





9497498415 | 16 | 17

ANSWER KEY

	3. Curvature correction to a staff reading in differential levelling survey is			
	[A] Always subtractive			
	[B] Always additive			
	[C] Always zero			
	[D] Can be positive or negative depending on latitude			
	Answer: A			
4. The tangential method of tachometry is				
	[A] Slower than stadia hair method			
	[B] Faster than stadia hair method			
	[C] Preferred as involves less computations to get reduced distances			
[D] Preferred as chances of operational error are less compared to stadi				
	hair method			
	Answer: A			
	5. The correction to be applied to each 30 m chain length along slope is:			
	[A] 30(1- $\sec \theta$) m			
	[B] 30(sec θ -1) m			
	[C] 30(1- $\cos \theta$) m			
	[D] 30(cot θ - 1) m			
	Answer: B			

To PURCHASE Our COURSES

10 1 CRCIMOL Our COCROLO						
LIVE CLASSES	DIRECT CLASSES					
	Assistant Engineer - Civil					
Assistant Engineer Standard 2023	Overseer Grade I					
	GATE 2024					
Assistant Engineer Courses	Overseer Courses					
	Overseer Grade I					
Assistant Engineer/ Overseer Grade I	Junior Instructor Surveyor					
	Irrigation LSGD Overseer					
GATE 2024 Civil Prerecorded						
TEST SERIES (With detailed solution)						
Online Test Series Combo	AE PCB Test series					
AE Test Series	SSC JE Subject wise					
OVERSEER Test Series	GATE 2024 - Test Series					
ISRO Test Series	Full length tests – GATE					
SSC JE CIVIL Test Series	Topicwise tests for GATE					
SSC JE Full Length Tests	Subjectwise Test series – GATE					
e - BOOKS						
HANDWRITTEN NOTES – e- book	Quick Reference For AE and Overseer – e Book					
e – Book for Civil Engineering INTERVIEWS	Overseer PYQ detailed – e Book					
150 PYQ e - book	Civil Engineering MCQ – e Book					
Mechanical Engineering e - Book	GATE Civil Engineering - e Book					



സിവിൽ എഞ്ചിനിയറിംഗ് മത്സരപരീക്ഷകൾക്കായി ഇനി ഒരൊറ്റ കോഴ്സ്





ENROLL NOW 82 81 00 33 66

Pre-Recorded Classes

To Connect with us



elearncivilianz@gmail.com



9497 498 415



civilianz





Clubhouse



Civilianz Blog



Civilianz_official



Civil study Circle



Civilianz

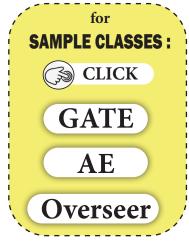


CLICK

WWW.CIVILIANZ.COM



Telegram Job Channel







9497498415

ANSWER KEY

6. Local attraction in a compass surveying may be due to?[A] Faulty adjustment in compass						
[B] Presence of magnetic materials						
[C] Loss of magnetism in needle						
[D] Friction of the needle at the point						
Answer: B						
7. The number of spectral bands in the Enhanced Thematic Mapper sense						
on the remote sensing satellite Landsat-7 is						
[A] 64						
[B] 10						
[C] 8						
[D] 15						
Answer: C						
8. In plane table survey, distant and inaccessible points are plotted by:						
[A] Radiation						
[B] Resection						
[C] Traversing						
[D] Intersection						
Answer: D						





9497498415 | 16 | 17

ANSWER KEY

9.	Bowditch	rule is a	pplied to	•	?
----	-----------------	-----------	-----------	---	---

- [A] An open traverse for graphical adjustment
- [B] A closed traverse for adjustment of closing error
- [C] Determine the effect of local attraction
- [D] All the above

Answer: B

10. How high should a helicopter pilot rise at a point A just to see the horizon at point B, if the distance AB is 40 km?

[A] 101.75 m

[B] 110.50 m

[C] 107.75 m

[D] 105.50 m

Answer: C

Join our social media platforms









