



MIDTERM EXAM

Surveying I (ECIV2331)
Answer the following questions
Time Allowed 60 minutes

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Question	Estimated Time	Mark	Max. Mark
1	10		16
2	20		15
3	20		17
4	1	2	2
Total	51 minute		50

Question 1: (16 Marks)**A) Define the following:** 6 points

Chain Line

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Geoid Surface

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Backsight Reading

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B) Talk briefly in 4 points about a systematic error in tape surveying. 4 Points

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C) Describe and draw how to extend line AB beyond the building? 6 Points

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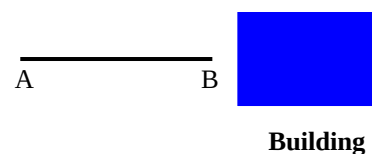
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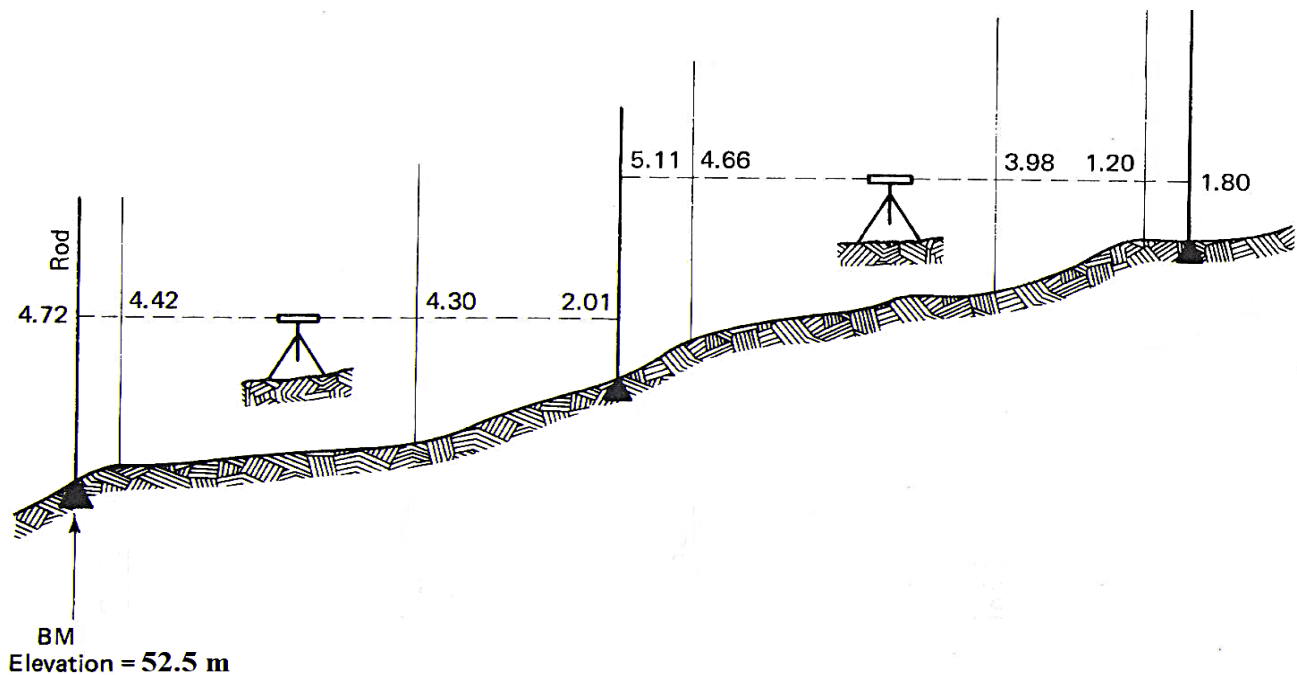
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**Question 2:** (15 Marks)

[illegible]

A page of level book is performed below. Fill the level data in the table sheet with Rise and Fall checks.



Station	B.S.	I.S.	F.S.	Rise	Fall	R.L.	Remarks
Σ							

[illegible]

ما رأيك في الامتحان؟ (طويل - صعب - متوسط - سهل - سهل جدا)