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- Q.7 a) A roof truss shed is to be built in Lucknow for an industry. The size of shed is $24\text{m} \times 40\text{m}$. The height of building is 12m at the eaves. Determine the base wind pressure. (10)
- b) Describe various elements of roof truss with neat diagram. (10)
- Q.8 Write short notes on :-
- a) Portal bracing and roller bracing. (10)
- b) Different types of beam-column connections. (10)

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